

TABLE 3H					
Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
75	0.020091	GC20 protein (=AF077052 protein translation factor sui1 homologue)	AF064607		NP_005866
103	0.024824	supervillin (SVIL), transcript variant 2, mRNA /cds=(754,7398) /gb=NM_021738 /gi=11496981 /ug=Hs.154567 /len=8300	NM_021738	Hs.154567	NP_068506
120	0.007323	Sjogren's syndrome/scleroderma autoantigen 1 (SSSCA1), mRNA /cds=(21,620) /gb=NM_006396 /gi=5453837 /ug=Hs.25723 /len=661	NM_006396	Hs.25723	NP_006387
131	0.030461	AD-012 protein (LOC55833) (=AB040924 KIAA1491)	NM_018449		NP_060919.1
152	0.004433	mRNA; cDNA DKFZp761P18121 (from clone DKFZp761P18121) /cds=(127,2289) /gb=AL834147 /gi=21739620 /ug=Hs.44198 /len=4286	AL834147	Hs.44198	
153	0.037129	cDNA, 5' end /clone=IMAGE:5405127 /clone_end=5' /gb=BI868971 /gi=16042644 /ug=Hs.25523 /len=730	BI868971	Hs.25523	NP_036231
154	0.028474	hypothetical protein DJ328E19.C1.1 (DJ328E19.C1.1), mRNA /cds=(18,2783) /gb=NM_015383 /gi=7657016 /ug=Hs.218329 /len=3689	NM_015383	Hs.218329	NP_056198
175	0.023151	KIAA1415 protein (PRex1), mRNA /cds=(24,5003) /gb=NM_020820 /gi=19882228 /ug=Hs.109315 /len=5861	NM_020820	Hs.109315	NP_065871
278	0.014988	coatmer protein complex, subunit gamma (COPG), mRNA /cds=(76,2700) /gb=NM_016128 /gi=21359909 /ug=Hs.266914 /len=3075	NM_016128	Hs.266914	NP_663768
284	0.039603	translin-associated factor X (TSNAX), mRNA /cds=(159,1031) /gb=NM_005999 /gi=20302159 /ug=Hs.96247 /len=2667	NM_005999	Hs.96247	NP_005990
345	0.004433	cofactor required for Sp1 transcriptional activation, subunit 9, 33kDa (CRSP9), mRNA /cds=(63,764) /gb=NM_004270 /gi=22001418 /ug=Hs.279902 /len=1235	NM_004270	Hs.279902	NP_004261
354	0.018694	stromal cell-derived factor 2 (SDF2), mRNA /cds=(40,675) /gb=NM_006923 /gi=14141194 /ug=Hs.118684 /len=1075	NM_006923	Hs.118684	NP_008854
418	0.013901	tumor protein D52-like 1 (TPD52L1), mRNA /cds=(181,795) /gb=NM_003287 /gi=4507640 /ug=Hs.16611 /len=1325	NM_003287	Hs.16611	NP_003278

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429	0.01738	NPD009 protein (NPD009), mRNA /cds=(1327,1677) /gb=NM_020686 /gi=24476005 /ug=Hs.283675 /len=2514	NM_020686	Hs.283675	NP_065737
451	0.047854	golgi phosphoprotein 2 (GOLPH2), mRNA /cds=(151,1353) /gb=NM_016548 /gi=7706084 /ug=Hs.182793 /len=3042	NM_016548	Hs.182793	NP_808800
469	0.041375	Similar to adducin 1 (alpha), clone MGC:44427 IMAGE:5297337, mRNA, complete cds /cds=(869,2857) /gb=BC042998 /gi=28175763 /ug=Hs.183706 /len=4761	BC042998	Hs.183706	NP_789771
512	0.030461	myosin IXB (MYO9B), mRNA /cds=(1,6069) /gb=NM_004145 /gi=4758749 /ug=Hs.159629 /len=6069	NM_004145	Hs.159629	NP_004136
572	0.047755	APG5 autophagy 5-like (S. cerevisiae) (APG5L), mRNA /cds=(327,1154) /gb=NM_004849 /gi=4757797 /ug=Hs.11171 /len=3247	NM_004849	Hs.11171	NP_004840
573	0.005942	ancient ubiquitous protein 1 (AUP1), mRNA /cds=(69,1499) /gb=NM_012103 /gi=6912259 /ug=Hs.173736 /len=1664	NM_012103	Hs.173736	NP_036235
608	0.009862	OTF3 gene	Z11900		
611	0.036892	podocalyxin-like (PODXL), mRNA /cds=(251,1837) /gb=NM_005397 /gi=4885556 /ug=Hs.16426 /len=5869	NM_005397	Hs.16426	NP_005388
687	0.039603	mutS 3 (E. coli) (MSH3), mRNA /cds=(17,3403) /gb=NM_002439 /gi=4505248 /ug=Hs.42674 /len=4374	NM_002439	Hs.42674	NP_002430
711	0.047854	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 9, 39kDa (NDUFA9), mRNA /cds=(20,1153) /gb=NM_005002 /gi=20127470 /ug=Hs.75227 /len=1343	NM_005002	Hs.75227	NP_004993
825	0.024824	thioredoxin-like 2 (TXNL2), mRNA /cds=(5,1012) /gb=NM_006541 /gi=5730103 /ug=Hs.42644 /len=1942	NM_006541	Hs.42644	NP_006532
839	0.037129	KIAA0781	AB018324		
840	0.039603	MAX interacting protein 1 (MXI1), transcript variant 1, mRNA /cds=(308,994) /gb=NM_005962 /gi=18641369 /ug=Hs.118630 /len=2643	NM_005962	Hs.118630	NP_569157
865	0.034784	mitochondrion, complete genome	NC_001807		
941	0.032563	polybromo 1 (PB1), mRNA /cds=(15,935) /gb=NM_018165 /gi=8922564 /ug=Hs.44143 /len=3131	NM_018165	Hs.44143	NP_060783

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985	0.011929	PABP-interacting protein 2 (PAIP2), mRNA /cds=(150,533) /gb=NM_016480 /gi=19923458 /ug=Hs.396644 /len=1514	NM_016480	Hs.396644	NP_057564
993	0.039603	CREB binding protein (Rubinstein-Taybi syndrome) (CREBBP), mRNA /cds=(199,7527) /gb=NM_004380 /gi=4758055 /ug=Hs.23598 /len=8694	NM_004380	Hs.23598	NP_004371
1023	0.011929	v-fos FBJ murine osteosarcoma viral oncogene (FOS), mRNA /cds=(156,1298) /gb=NM_005252 /gi=6552332 /ug=Hs.25647 /len=2084	NM_005252	Hs.25647	NP_005243
1051	0.006254	HSPC133 protein (HSPC133), mRNA /cds=(83,481) /gb=NM_014168 /gi=7661791 /ug=Hs.273063 /len=963	NM_014168	Hs.273063	NP_054887
1073	0.04496	HSPC009 protein (HSPC009), mRNA /cds=(20,340) /gb=NM_014019 /gi=7661731 /ug=Hs.16059 /len=793	NM_014019	Hs.16059	NP_054738
1091	0.028474	retinoblastoma binding protein 2 (RBBP2), mRNA /cds=(153,5321) /gb=NM_005056 /gi=4826967 /ug=Hs.76272 /len=6455	NM_005056	Hs.76272	NP_005047
1115	0.032563	H3 histone, family 3A (H3F3A), mRNA /cds=(116,526) /gb=NM_002107 /gi=22027640 /ug=Hs.181307 /len=1047	NM_002107	Hs.181307	NP_002098
1134	0.039603	cDNA FLJ30093 fis, clone BNGH41000033. /gb=AK054655 /gi=16549241 /ug=Hs.349261 /len=2926	AK054655	Hs.349261	
1143	0.020091	mRNA, chromosome 1 specific transcript KIAA0493. /gb=AB007962 /gi=3413936 /ug=Hs.406706 /len=5734	AB007962	Hs.406706	
1169	0.013901	cDNA FLJ14044 fis, clone HEMBA1006124. /gb=AK024106 /gi=10436404 /ug=Hs.278004 /len=1398	AK024106	Hs.278004	
1171	0.021575	integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12) (ITGB1), transcript variant 1A, mRNA /cds=(127,2523) /gb=NM_002211 /gi=19743812 /ug=Hs.287797 /len=3700	NM_002211	Hs.287797	NP_596867
1183	0.005275	F-box only protein 25 (FBXO25), mRNA /cds=(177,1052) /gb=NM_012173 /gi=16306503 /ug=Hs.81001 /len=1320	NM_012173	Hs.81001	NP_036305
1230	0.030461	DKFZp434B102 (from clone DKFZp434B102)	AL080192		

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1236	0.030461	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase) (MMP9), mRNA /cds=(20,2143) /gb=NM_004994 /gi=4826835 /ug=Hs.151738 /len=2334	NM_004994	Hs.151738	NP_004985
1257	0.020091	isovaleryl-CoA dehydrogenase (IVD) gene, exon 12 and partial cds	AF038318		
1280	0.035142	hypothetical protein FKSG32 (FKSG32), mRNA /cds=(31,1476) /gb=NM_031307 /gi=13775233 /ug=Hs.98682 /len=1776	NM_031307	Hs.98682	NP_112597
1283	0.029795	interleukin 1 receptor accessory protein (IL1RAP), transcript variant 1, mRNA /cds=(207,1919) /gb=NM_002182 /gi=24430220 /ug=Hs.173880 /len=4726	NM_002182	Hs.173880	NP_608273
1286	0.004838	FLJ22781 fis, clone KAIA1958 /cds=UNKNOWN /gb=AK026434 /gi=10439298 /ug=Hs.213236 /len=2599	AK026434	Hs.213236	
1308	0.028474	collagen, type VI, alpha 3 (COL6A3), transcript variant 1, mRNA /cds=(256,9786) /gb=NM_004369 /gi=4758027 /ug=Hs.80988 /len=10558	NM_004369	Hs.80988	NP_476508
1316	0.004822	ubiquitin-like 5 (UBL5), mRNA /cds=(66,287) /gb=NM_024292 /gi=13236509 /ug=Hs.13836 /len=413	NM_024292	Hs.13836	NP_077268
1323	0.020091	KIAA1630 protein (KIAA1630), mRNA /cds=(72,2831) /gb=NM_018706 /gi=18375677 /ug=Hs.271586 /len=3180	NM_018706	Hs.271586	NP_061176
1336	0.024824	Novel mRNA from chromosome 1, which has similarities to BAT2 genes /cds=(58,8163) /gb=AL096857 /gi=5541862 /ug=Hs.69559 /len=10174	AL096857	Hs.69559	NP_055987
1362	0.016146	ADP-ribosylation factor related protein 1 (ARFRP1), mRNA /cds=(12,617) /gb=NM_003224 /gi=4507448 /ug=Hs.389277 /len=1559	NM_003224	Hs.389277	NP_003215
1387	0.024313	hypothetical protein FLJ10335 (FLJ10335), mRNA /cds=(34,1161) /gb=NM_018062 /gi=8922359 /ug=Hs.279841 /len=1678	NM_018062	Hs.279841	NP_060532
1407	0.037129	zinc finger protein 9 (a cellular retroviral nucleic acid binding protein) (ZNF9), mRNA /cds=(103,636) /gb=NM_003418 /gi=4827070 /ug=Hs.2110 /len=1500	NM_003418	Hs.2110	NP_003409

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1449	0.0068	apoptosis related protein APR-3 (APR-3), transcript variant 1, mRNA /cds=(336,851) /gb=NM_016085 /gi=18105011 /ug=Hs.9527 /len=1086	NM_016085	Hs.9527	NP_542159
1464	0.013901	Escherichia coli K-12 MG1655 section 351 of 400 of the complete genome	AE000461		
1481	0.047854	polymerase (RNA) II (DNA directed) polypeptide K, 7.0kDa (POLR2K), mRNA /cds=(67,243) /gb=NM_005034 /gi=14589955 /ug=Hs.351475 /len=540	NM_005034	Hs.351475	NP_005025
1530	0.011037	fibroblast growth factor receptor 3 (achondroplasia, thanatophoric dwarfism) (FGFR3), transcript variant 1, mRNA /cds=(40,2460) /gb=NM_000142 /gi=13112046 /ug=Hs.1420 /len=4093	NM_000142	Hs.1420	NP_075254
1535	0.015733	mRNA for KIAA0752 protein, partial cds. /cds=(1,1006) /gb=AB018295 /gi=3882224 /ug=Hs.126779 /len=4332	AB018295	Hs.126779	NP_775934
1549	0.005746	BRCA1, Rho7 and vat1 genes, complete cds, and ipf35 gene, partial cds	L78833		
1553	0.047854	lymphocyte cytosolic protein 1 (L-plastin) (LCP1), mRNA /cds=(174,2057) /gb=NM_002298 /gi=7382490 /ug=Hs.381099 /len=3723	NM_002298	Hs.381099	NP_002289
1581	0.032563	SH3 domain binding glutamic acid-rich protein like 3 (SH3BGR13), mRNA /cds=(72,353) /gb=NM_031286 /gi=13775197 /ug=Hs.109051 /len=764	NM_031286	Hs.109051	NP_112576
1583	0.01738	BTB (POZ) domain containing 1 (BTBD1), mRNA /cds=(84,1532) /gb=NM_025238 /gi=13376847 /ug=Hs.21332 /len=3177	NM_025238	Hs.21332	NP_079514
1692	0.026596	DKFZp564L0678 (from clone DKFZp564L0678)	AL137514		NP_057375
1724	0.026596	zinc finger RNA binding protein (ZFR), mRNA /cds=(44,1300) /gb=NM_016107 /gi=7706372 /ug=Hs.173518 /len=2734	NM_016107	Hs.173518	NP_057191
1756	0.030461	uronyl-2-sulfotransferase (UST), mRNA /cds=(104,1324) /gb=NM_005715 /gi=5032218 /ug=Hs.134015 /len=4196	NM_005715	Hs.134015	NP_005706
1758	0.030461	cyclin-dependent kinase inhibitor 1C (p57, Kip2) (CDKN1C), mRNA /cds=(261,1211) /gb=NM_000076 /gi=4557440 /ug=Hs.106070 /len=1511	NM_000076	Hs.106070	NP_000067
1784	0.026596	tetraspan 3 (TSPAN-3), mRNA /cds=(218,979) /gb=NM_005724 /gi=21264581 /ug=Hs.100090 /len=1842	NM_005724	Hs.100090	NP_005715

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1793	0.002342	nuclear receptor subfamily 4, group A, member 1 (NR4A1), transcript variant 1, mRNA /cds=(315,211) /gb=NM_002135 /gi=27894342 /ug=Hs.1119 /len=2699	NM_002135	Hs.1119	NP_775181
1803	0.022757	endogenous retroviral element clone pCRTK6 nucleocapsid protein (gag) and protease/reverse transcriptase (pol) pseudogenes, partial cds	U12969		
1844	0.042212	cDNA FLJ32247 fis, clone PROST1000120. /gb=AK056809 /gi=16552317 /ug=Hs.293663 /len=3019	AK056809	Hs.293663	
1850	0.034784	DKFZP564K1964 protein (DKFZP564K1964), mRNA /cds=(207,887) /gb=NM_015544 /gi=7661615 /ug=Hs.3447 /len=1560	NM_015544	Hs.3447	NP_056359
1852	0.015143	CGI-41 protein (CGI-41), mRNA /cds=(620,2047) /gb=NM_015997 /gi=21361524 /ug=Hs.5056 /len=2258	NM_015997	Hs.5056	NP_057081
1873	0.001756	Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV) ubiquitously expressed (fox derived); ribosomal protein S30 (FAU), mRNA /cds=(106,507) /gb=NM_001997 /gi=17981709 /ug=Hs.177415 /len=574	NM_001997	Hs.177415	NP_001988
1877	0.01738	signal recognition particle receptor ('docking protein') (SRPR), mRNA /cds=(52,1968) /gb=NM_003139 /gi=23308696 /ug=Hs.75730 /len=2958	NM_003139	Hs.75730	NP_003130
1913	0.002573	small EDRK-rich factor 2 (SERF2), mRNA /cds=(1023,1319) /gb=NM_005770 /gi=21361286 /ug=Hs.380718 /len=1408	NM_005770	Hs.380718	NP_005761
1970	0.002824	Yeast centromere vector pRS315 with LEU2 marker, complete sequence	U03441		
1976	0.026596	likely ortholog of mouse exocyst component protein 70 kDa (S. cerevisiae) Exo70: exocyst component protein 70 kDa (S. cerevisiae) (EXO70), mRNA /cds=(4,1965) /gb=NM_015219 /gi=24308034 /ug=Hs.325530 /len=4596	NM_015219	Hs.325530	NP_056034
2005	0.042212	class I histone deacetylase (HDAC8)	AF230097		NP_060956
2011	0.04496	RING1 and YY1 binding protein (RYBP), mRNA /cds=(189,875) /gb=NM_012234 /gi=24432049 /ug=Hs.7910 /len=2344	NM_012234	Hs.7910	NP_036366

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2048	0.011037	mRNA for KIAA0701 protein, partial cds. /cds=(1,4065) /gb=AB014601 /gi=20521136 /ug=Hs.153293 /len=4625	AB014601	Hs.153293	
2057	0.008339	chromosome 1 open reading frame 21 (C1orf21), mRNA /cds=(400,765) /gb=NM_030806 /gi=13540595 /ug=Hs.12532 /len=10215	NM_030806	Hs.12532	NP_110433
2069	0.047854	zinc finger protein 36, C3H type-like 1 (ZFP36L1), mRNA /cds=(131,1147) /gb=NM_004926 /gi=15812179 /ug=Hs.85155 /len=3022	NM_004926	Hs.85155	NP_004917
2077	0.009424	musculus exoribonuclease 1 (Xrn1)	NM_011916		NP_036046
2115	0.023151	eukaryotic translation initiation factor 1A, Y chromosome (EIF1AY), mRNA /cds=(133,567) /gb=NM_004681 /gi=4758253 /ug=Hs.155103 /len=1384	NM_004681	Hs.155103	NP_004672
2124	0.037129	splicing factor 1 (SF1), mRNA /cds=(383,2254) /gb=NM_004630 /gi=4759339 /ug=Hs.180677 /len=3131	NM_004630	Hs.180677	NP_004621
2137	0.011929	NAD(P)H dehydrogenase, quinone 1 (NQO1), mRNA /cds=(51,875) /gb=NM_000903 /gi=4505414 /ug=Hs.406515 /len=2447	NM_000903	Hs.406515	NP_000894
2149	0.034784	phospholipase A2 receptor 1, 180kDa (PLA2R1), mRNA /cds=(207,4604) /gb=NM_007366 /gi=19923388 /ug=Hs.171945 /len=5633	NM_007366	Hs.171945	NP_031392
2154	0.023151	PDZ domain containing 1 (PDZK1), mRNA /cds=(107,1666) /gb=NM_002614 /gi=21361141 /ug=Hs.15456 /len=2140	NM_002614	Hs.15456	NP_002605
2184	0.008019	highly charged protein (D13S106E), mRNA /cds=(178,3456) /gb=NM_005800 /gi=5031648 /ug=Hs.151236 /len=3650	NM_005800	Hs.151236	NP_005791
2194	0.013901	monocytic leukemia zinc finger protein-related factor (MORF), mRNA /cds=(316,6537) /gb=NM_012330 /gi=6912511 /ug=Hs.27590 /len=6537	NM_012330	Hs.27590	NP_036462
2209	0.030461	mRNA; cDNA DKFZp667O2119 (from clone DKFZp667O2119) /gb=AL832314 /gi=21732861 /ug=Hs.180789 /len=6868	AL832314	Hs.180789	
2211	0.037129	L-isoaspartyl/D-aspartyl O-methyltransferase (PCMT1) gene, exon 1,	U49740		

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2214	0.042212	ts79a05.x1 NCI_CGAP_GC6 cDNA clone IMAGE:2237456 3', mRNA sequence /clone=IMAGE:2237456 /clone_end=3' /gb=AI917390 /gi=5637245 /ug=Hs.99415 /len=462	AI917390	Hs.99415	
2228	0.032563	clone MGC:15451 IMAGE:2960796, mRNA, complete cds /cds=(381,2660) /gb=BC014640 /gi=15779149 /ug=Hs.403836 /len=3479	BC014640	Hs.403836	
2232	0.034784	ubiquilin 2 (UBQLN2), mRNA /cds=(236,2110) /gb=NM_013444 /gi=16753206 /ug=Hs.4552 /len=3324	NM_013444	Hs.4552	NP_038472
2236	0.021575	glia maturation factor, gamma (GMFG), mRNA /cds=(5,433) /gb=NM_004877 /gi=4758439 /ug=Hs.5210 /len=561	NM_004877	Hs.5210	NP_004868
2238	0.011929	RAD50 (S. cerevisiae) (RAD50), transcript variant 1, mRNA /cds=(388,4326) /gb=NM_005732 /gi=19924128 /ug=Hs.41587 /len=5891	NM_005732	Hs.41587	NP_597816
2253	0.034784	small EDRK-rich factor 2 (SERF2), mRNA /cds=(1023,1319) /gb=NM_005770 /gi=21361286 /ug=Hs.380718 /len=1408	NM_005770	Hs.380718	NP_005761
2267	0.007388	frizzled 10 (Drosophila) (FZD10), mRNA /cds=(457,2202) /gb=NM_007197 /gi=22035684 /ug=Hs.31664 /len=3260	NM_007197	Hs.31664	NP_009128
2276	0.001756	F-box only protein 32 (FBXO32), transcript variant 1, mRNA /cds=(193,1260) /gb=NM_058229 /gi=22547142 /ug=Hs.61661 /len=1530	NM_058229	Hs.61661	NP_680482
2296	0.021575	serine/threonine kinase 38 like (STK38L), mRNA /cds=(174,1568) /gb=NM_015000 /gi=24307970 /ug=Hs.184523 /len=4725	NM_015000	Hs.184523	NP_055815
2297	0.009424	zinc finger protein 2 (A1-5) (ZNF2), mRNA /cds=(855,1733) /gb=NM_021088 /gi=20304090 /ug=Hs.192285 /len=2630	NM_021088	Hs.192285	NP_066574
2305	0.004059	KIAA0970 protein (KIAA0970), mRNA /cds=(335,2668) /gb=NM_014923 /gi=7662419 /ug=Hs.103329 /len=4863	NM_014923	Hs.103329	
2306	0.011929	S100 calcium binding protein A4 (calcium protein, calvasculin, metastasin, murine placental (S100A4), transcript variant 1, mRNA /cds=(70,375) /gb=NM_002961 /gi=9845514 /ug=Hs.81256 /len=512	NM_002961	Hs.81256	NP_062427

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2307	0.020091	matrilin 3 (MATN3) precursor, mRNA /cds=(64,1524) /gb=NM_002381 /gi=13518040 /ug=Hs.278461 /len=2599	NM_002381	Hs.278461	NP_002372
2309	2.54E-04	GTPase-activating protein GAP11	U20238		NP_033051
2317	0.001935	mRNA for KIAA0570 protein, partial cds. /cds=(480,10718) /gb=AB011142 /gi=20521084 /ug=Hs.180948 /len=11269	AB011142	Hs.180948	
2324	0.04496	hypothetical protein KIAA0883	AB020690		NP_009188
2348	0.037129	neuropilin-2 (a5)	AF022861		
2365	0.008697	ring finger protein 38 (RNF38), mRNA /cds=(563,1861) /gb=NM_022781 /gi=21918874 /ug=Hs.77823 /len=4694	NM_022781	Hs.77823	NP_073618
2370	0.024824	exosome component Rrp41 (FLJ20591), mRNA /cds=(104,841) /gb=NM_019037 /gi=9506688 /ug=Hs.343589 /len=896	NM_019037	Hs.343589	NP_061910
2385	0.012883	Nedd4 binding protein 1 (N4BP1), mRNA /cds=(238,2928) /gb=NM_014664 /gi=7662203 /ug=Hs.323712 /len=3319	NM_014664	Hs.323712	NP_055479
2440	0.014988	ubiquitin conjugating enzyme type UBC9	X96427		NP_003336
2448	0.047854	KIAA1077	AB029000		NP_055985
2451	0.004291	collagen, type IX, alpha 1 (COL9A1), transcript variant 1, mRNA /cds=(147,2912) /gb=NM_001851 /gi=17978501 /ug=Hs.154850 /len=3287	NM_001851	Hs.154850	NP_511040
2452	0.044857	jun B proto-oncogene (JUNB), mRNA /cds=(254,1297) /gb=NM_002229 /gi=4504808 /ug=Hs.400124 /len=1797	NM_002229	Hs.400124	NP_002220
2466	0.026596	likely ortholog of mouse gene trap locus 3 (GTL3), mRNA /cds=(257,838) /gb=NM_013242 /gi=8392874 /ug=Hs.279818 /len=1278	NM_013242	Hs.279818	NP_037374
2490	0.04496	gonadotropin-releasing hormone receptor (GNRHR), mRNA /cds=(1749,2735) /gb=NM_000406 /gi=4504058 /ug=Hs.73064 /len=2735	NM_000406	Hs.73064	NP_000397
2491	0.021575	clone IMAGE:5265791, mRNA /gb=BC035170 /gi=23958673 /ug=Hs.385807 /len=3000	BC035170	Hs.385807	
2536	0.021575	H3 histone, family 3B (H3.3B) (H3F3B), mRNA /cds=(118,528) /gb=NM_005324 /gi=21264598 /ug=Hs.180877 /len=1662	NM_005324	Hs.180877	NP_005315

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
2573	0.04496	general transcription factor IIF, polypeptide 1 (74kD subunit) (GTF2F1), mRNA /cds=(179,1732) /gb=NM_002096 /gi=4504196 /ug=Hs.68257 /len=2440	NM_002096	Hs.68257	NP_002087
2583	0.030461	receptor (calcitonin) activity modifying protein 3 (RAMP3), mRNA /cds=(30,476) /gb=NM_005856 /gi=5032022 /ug=Hs.25691 /len=1312	NM_005856	Hs.25691	NP_005847
2592	0.023151	GC box binding protein	D31716		NP_001197
2611	0.030461	mRNA for KIAA1604 protein, partial cds. /cds=(33,2846) /gb=AB046824 /gi=10047282 /ug=Hs.209464 /len=3098	AB046824	Hs.209464	
2624	0.030461	RAB27A, member RAS oncogene family (RAB27A), mRNA /cds=(246,911) /gb=NM_004580 /gi=19923263 /ug=Hs.50477 /len=2496	NM_004580	Hs.50477	NP_004571
2628	0.028474	methyltransferase reductase (MTRR), transcript variant 2, mRNA /cds=(31,2208) /gb=NM_024010 /gi=13325067 /ug=Hs.153792 /len=3291	NM_024010	Hs.153792	NP_076915
2637	0.005746	ribosomal protein L41 (RPL41), mRNA /cds=(84,161) /gb=NM_021104 /gi=10863874 /ug=Hs.356795 /len=478	NM_021104	Hs.356795	NP_066927
2641	0.003392	phospholipase A2, group IIA (platelets, synovial fluid) (PLA2G2A), nuclear gene encoding mitochondrial protein, mRNA /cds=(273,707) /gb=NM_000300 /gi=20149501 /ug=Hs.76422 /len=997	NM_000300	Hs.76422	NP_000291
2650	0.023151	fatty-acid-Coenzyme A ligase, long-chain 2 (FACL2), mRNA /cds=(14,2110) /gb=NM_021122 /gi=12669906 /ug=Hs.154890 /len=3635	NM_021122	Hs.154890	NP_066945
2652	0.034784	membrane metallo-endopeptidase (neutral endopeptidase, enkephalinase, CALLA, CD10) (MME), transcript variant 2b, mRNA /cds=(229,2481) /gb=NM_007289 /gi=6042203 /ug=Hs.1298 /len=5725	NM_007289	Hs.1298	NP_009220
2677	0.008019	dihydropyrimidine dehydrogenase (DPYD), mRNA /cds=(102,3179) /gb=NM_000110 /gi=4557874 /ug=Hs.1602 /len=4407	NM_000110	Hs.1602	NP_000101

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
2687	0.003712	v-fos FBJ murine osteosarcoma viral oncogene (FOS), mRNA /cds=(156,1298) /gb=NM_005252 /gi=6552332 /ug=Hs.25647 /len=2084	NM_005252	Hs.25647	NP_005243
2688	0.013901	mRNA for KIAA0573 protein, partial cds. /cds=(1,1357) /gb=AB011145 /gi=3043669 /ug=Hs.154023 /len=4796	AB011145	Hs.154023	
2699	0.010203	t-complex-associated-testis-expressed 1-like 1 (TCTEL1), mRNA /cds=(1,342) /gb=NM_006519 /gi=5730084 /ug=Hs.266940 /len=713	NM_006519	Hs.266940	NP_006510
2705	0.039603	H3 histone, family 3B (H3.3B) (H3F3B), mRNA /cds=(118,528) /gb=NM_005324 /gi=21264598 /ug=Hs.180877 /len=1662	NM_005324	Hs.180877	NP_005315
2735	0.001592	mRNA for KIAA1694 protein, partial cds. /cds=(1,2275) /gb=AB051481 /gi=12697932 /ug=Hs.19597 /len=4235	AB051481	Hs.19597	NP_085132
2762	0.020091	golgi autoantigen, golgin subfamily b, macrogolgin (with transmembrane signal), 1 (GOLGB1), mRNA /cds=(127,9906) /gb=NM_004487 /gi=4758453 /ug=Hs.7844 /len=10300	NM_004487	Hs.7844	NP_004478
2774	0.026596	myristoylated alanine-rich protein kinase C substrate (MARCKS), mRNA /cds=(370,1368) /gb=NM_002356 /gi=11125771 /ug=Hs.75607 /len=2589	NM_002356	Hs.75607	NP_002347
2775	0.04496	ribosomal protein L12 (RPL12), mRNA /cds=(89,586) /gb=NM_000976 /gi=15431291 /ug=Hs.405042 /len=632	NM_000976	Hs.405042	NP_000967
2782	0.016146	high mobility group 2 protein (HMG-2)	M83665		
2787	0.023151	meningioma expressed antigen 6 (coiled-coil proline-rich) (MGEA6), mRNA /cds=(315,2729) /gb=NM_005930 /gi=5174560 /ug=Hs.117242 /len=3676	NM_005930	Hs.117242	NP_005921
2792	0.009424	xf50g03.x1 NCI_CGAP_Gas4 cDNA clone IMAGE:2621524 3' similar to contains element MER4 repetitive element ;, mRNA sequence /clone=IMAGE:2621524 /clone_end=3' /gb=AW130421 /gi=6132026 /ug=Hs.329722 /len=719	AW130421	Hs.329722	
2797	0.047854	zinc finger homeobox 1b (ZFHX1B), mRNA /cds=(445,4089) /gb=NM_014795 /gi=7662183 /ug=Hs.34871 /len=5523	NM_014795	Hs.34871	NP_055610

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
2798	0.024824	CCAAT/enhancer binding protein (C/EBP), delta (CEBPD), mRNA /cds=(41,850) /gb=NM_005195 /gi=4885130 /ug=Hs.76722 /len=1248	NM_005195	Hs.76722	NP_005186
2810	0.028474	ATP synthase, H transporting, mitochondrial F0 complex, subunit c (subunit 9) isoform 3 (ATP5G3), mRNA /cds=(255,683) /gb=NM_001689 /gi=4502300 /ug=Hs.429 /len=826	NM_001689	Hs.429	NP_001680
2815	0.024824	proteasome (prosome, macropain) subunit, alpha type, 6 (PSMA6), mRNA /cds=(110,850) /gb=NM_002791 /gi=23110943 /ug=Hs.410276 /len=1035	NM_002791	Hs.410276	NP_002782
2823	0.006254	eukaryotic translation elongation factor 1 gamma (EEF1G), mRNA /cds=(38,1351) /gb=NM_001404 /gi=25453475 /ug=Hs.256184 /len=1429	NM_001404	Hs.256184	NP_001395
2846	0.008697	N-ethylmaleimide-sensitive factor (NSF), mRNA /cds=(61,2295) /gb=NM_006178 /gi=11079227 /ug=Hs.108802 /len=3960	NM_006178	Hs.108802	NP_006169
2848	0.007388	BJ-HCC-24 tumor antigen mRNA, complete cds /cds=(2,1240) /gb=AY121805 /gi=22002585 /ug=Hs.433489 /len=1488	AY121805	Hs.433489	
2858	0.010203	hypothetical protein HSPC228 (HSPC228), mRNA /cds=(16,939) /gb=NM_016485 /gi=21361740 /ug=Hs.267288 /len=3273	NM_016485	Hs.267288	NP_057569
2869	0.009424	dual specificity phosphatase 1 (DUSP1), mRNA /cds=(249,1352) /gb=NM_004417 /gi=7108342 /ug=Hs.171695 /len=2015	NM_004417	Hs.171695	NP_004408
2872	0.042212	oxysterol binding protein-like 8 (OSBPL8), mRNA /cds=(481,3150) /gb=NM_020841 /gi=22035617 /ug=Hs.109694 /len=7239	NM_020841	Hs.109694	NP_065892
2875	0.012883	deubiquitinating enzyme (UNPH4)= AF153604 ubiquitin-specific protease homolog (UPH)	AF106069		NP_006304
2901	0.032563	A kinase (PRKA) anchor protein (yotiao) 9 (AKAP9), transcript variant 4, mRNA /cds=(223,5190) /gb=NM_147166 /gi=22538388 /ug=Hs.58103 /len=6058	NM_147166	Hs.58103	NP_671714

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
2912	0.032563	KIAA0690 protein (KIAA0690), mRNA /cds=(87,3980) /gb=NM_015179 /gi=15987120 /ug=Hs.60103 /len=4396	NM_015179	Hs.60103	NP_055994
2918	0.028474	ribosomal protein S8 (RPS8), mRNA /cds=(24,650) /gb=NM_001012 /gi=4506742 /ug=Hs.399720 /len=705	NM_001012	Hs.399720	NP_001003
2937	0.021575	high-mobility group box 1 (HMGB1), mRNA /cds=(77,724) /gb=NM_002128 /gi=20149538 /ug=Hs.6727 /len=1207	NM_002128	Hs.6727	NP_002119
2938	0.007388	ribosomal protein L7a (RPL7A), mRNA /cds=(31,831) /gb=NM_000972 /gi=18390348 /ug=Hs.99858 /len=890	NM_000972	Hs.99858	NP_000963
2950	0.047854	cytochrome c oxidase subunit IV isoform 1 (COX4I1), nuclear gene encoding mitochondrial protein, mRNA /cds=(165,674) /gb=NM_001861 /gi=17017985 /ug=Hs.433419 /len=802	NM_001861	Hs.433419	NP_001852
2951	0.018694	serine/arginine repetitive matrix 2 (SRRM2), mRNA /cds=(226,8484) /gb=NM_016333 /gi=19923465 /ug=Hs.197114 /len=9027	NM_016333	Hs.197114	NP_057417
2973	0.047854	hypothetical protein MGC3200 (MGC3200), mRNA /cds=(108,764) /gb=NM_032305 /gi=14150063 /ug=Hs.9088 /len=1191	NM_032305	Hs.9088	NP_115681
2975	0.032563	actin related protein 2/3 complex, subunit 3, 21kDa (ARPC3), mRNA /cds=(94,630) /gb=NM_005719 /gi=23397667 /ug=Hs.293750 /len=912	NM_005719	Hs.293750	NP_005710
2976	0.042212	myosin, light polypeptide 6, alkali, smooth muscle and non-muscle (MYL6), transcript variant 3, mRNA /cds=(41,514) /gb=NM_079425 /gi=17986263 /ug=Hs.77385 /len=717	NM_079425	Hs.77385	NP_524149
2987	0.047854	nucleolar autoantigen (55kD) similar to rat synaptonemal complex protein (SC65), mRNA /cds=(12,1325) /gb=NM_006455 /gi=5454037 /ug=Hs.446459 /len=2347	NM_006455	Hs.446459	NP_006446
3008	0.013901	nuclear receptor subfamily 2, group F, member 2 (NR2F2), mRNA /cds=(343,1587) /gb=NM_021005 /gi=14149745 /ug=Hs.347991 /len=1740	NM_021005	Hs.347991	NP_066285
3012	0.009424	hypothetical protein PRO1843 (PRO1843), mRNA /cds=(965,1255) /gb=NM_018507 /gi=8924082 /ug=Hs.283330 /len=1268	NM_018507	Hs.283330	NP_060977

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
3030	0.034784	neuroblastoma, suppression of tumorigenicity 1 (NBL1), mRNA /cds=(62,604) /gb=NM_005380 /gi=4885508 /ug=Hs.76307 /len=1929	NM_005380	Hs.76307	NP_005371
3034	0.012883	serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 6 (SERPINB6), mRNA /cds=(75,1205) /gb=NM_004568 /gi=28077084 /ug=Hs.41072 /len=1361	NM_004568	Hs.41072	NP_004559
3044	0.023151	hypothetical protein LOC51321 (LOC51321), mRNA /cds=(635,1195) /gb=NM_016627 /gi=7706167 /ug=Hs.268122 /len=1304	NM_016627	Hs.268122	NP_057711
3062	0.016146	myosin, light polypeptide, regulatory, non-sarcomeric (20kD) (MLCB), mRNA /cds=(115,630) /gb=NM_006471 /gi=5453739 /ug=Hs.180224 /len=944	NM_006471	Hs.180224	NP_006462
3116	0.004433	Hypothetical protein(cDNA FLJ11299 fis, clone PLACE1009845, highly similar to KIAA0905 protein)	AK002161		NP_057295
3135	0.039603	mRNA; cDNA DKFZp586C1019 (from clone DKFZp586C1019) /gb=AL049397 /gi=4500188 /ug=Hs.12314 /len=1737	AL049397	Hs.12314	
3136	0.023151	splicing factor, arginine/serine-rich 5 (SFRS5), mRNA /cds=(219,542) /gb=NM_006925 /gi=5902077 /ug=Hs.166975 /len=1865	NM_006925	Hs.166975	NP_008856
3172	0.042212	myocyte-specific enhancer factor 2A (MEF2A) gene, last coding exon, and complete cds	U49020		
3174	0.04496	lectin, galactoside-binding, soluble, 1 (galectin 1) (LGALS1), mRNA /cds=(69,476) /gb=NM_002305 /gi=6006015 /ug=Hs.382367 /len=526	NM_002305	Hs.382367	NP_002296
3192	0.011929	mitochondrial ribosomal protein S24 (MRPS24), nuclear gene encoding mitochondrial protein, mRNA /cds=(4,507) /gb=NM_032014 /gi=15721936 /ug=Hs.284286 /len=667	NM_032014	Hs.284286	NP_114403
3197	0.003097	NDRG family member 2 (NDRG2), mRNA /cds=(97,1170) /gb=NM_016250 /gi=10280619 /ug=Hs.243960 /len=2024	NM_016250	Hs.243960	NP_057334
3204	0.034784	clone IMAGE:5263531, mRNA /gb=BC037740 /gi=22902216 /ug=Hs.18016 /len=5036	BC037740	Hs.18016	

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
3254	0.028124	splicing factor, arginine/serine-rich 2 (SFRS2), mRNA /cds=(156,821) /gb=NM_003016 /gi=4506898 /ug=Hs.73965 /len=1879	NM_003016	Hs.73965	NP_003007
3280	0.030461	RETROVIRUS-RELATED POLYPROTEIN	P11369		
3287	0.010203	FtsJ 1 (E. coli) (FTSJ1), mRNA /cds=(301,1290) /gb=NM_012280 /gi=7110660 /ug=Hs.23170 /len=1867	NM_012280	Hs.23170	NP_803188
3293	0.001592	AF-6, complete cds	AB011399		
3294	0.013901	NCK adaptor protein 1 (NCK1), mRNA /cds=(117,1250) /gb=NM_006153 /gi=20070226 /ug=Hs.54589 /len=1947	NM_006153	Hs.54589	NP_006144
3316	0.012883	glutathione S-transferase M3 (brain) (GSTM3), mRNA /cds=(311,988) /gb=NM_000849 /gi=23065551 /ug=Hs.2006 /len=1572	NM_000849	Hs.2006	NP_000840
3324	0.016146	transformer-2 alpha (htra-2 alpha) (HSU53209), mRNA /cds=(158,1006) /gb=NM_013293 /gi=9558732 /ug=Hs.130829 /len=1563	NM_013293	Hs.130829	NP_037425
3326	0.002342	of yeast long chain polyunsaturated fatty acid elongation enzyme 2 (HELO1), mRNA /cds=(345,1244) /gb=NM_021814 /gi=21361903 /ug=Hs.250175 /len=3011	NM_021814	Hs.250175	NP_068586
3328	0.034784	retinoblastoma-like 2 (p130) (RBL2), mRNA /cds=(70,3489) /gb=NM_005611 /gi=21361291 /ug=Hs.79362 /len=4853	NM_005611	Hs.79362	NP_005602
3367	0.028474	nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor) (NR3C1), mRNA /cds=(133,2466) /gb=NM_000176 /gi=4504132 /ug=Hs.75772 /len=4788	NM_000176	Hs.75772	NP_000167
3384	0.012883	GDP dissociation inhibitor 1 (GDI1), mRNA /cds=(81,1424) /gb=NM_001493 /gi=4503970 /ug=Hs.74576 /len=2225	NM_001493	Hs.74576	NP_001484
3394	0.007388	immunodeficiency virus type I enhancer binding protein 2 (HIVEP2), mRNA /cds=(16,7518) /gb=NM_006734 /gi=19923373 /ug=Hs.75063 /len=9175	NM_006734	Hs.75063	NP_006725
3397	0.042212	chromosome 20 open reading frame 6 (C20orf6), mRNA /cds=(109,2664) /gb=NM_016649 /gi=22507381 /ug=Hs.88820 /len=3216	NM_016649	Hs.88820	NP_057733
3406	0.030461	CTP synthase (CTPS), mRNA /cds=(76,1851) /gb=NM_001905 /gi=4503132 /ug=Hs.251871 /len=2758	NM_001905	Hs.251871	NP_001896

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
3412	0.021575	hypothetical protein FLJ22301 (FLJ22301), mRNA /cds=(696,2054) /gb=NM_024836 /gi=13376246 /ug=Hs.181406 /len=2952	NM_024836	Hs.181406	NP_079112
3432	0.01738	polypyrimidine tract binding protein 1 (PTBP1), transcript variant 1, mRNA /cds=(89,1762) /gb=NM_002819 /gi=14165462 /ug=Hs.172550 /len=3322	NM_002819	Hs.172550	NP_787041
3440	0.004838	TERF1 (TRF1)-interacting nuclear factor 2 (TINF2), mRNA /cds=(263,1327) /gb=NM_012461 /gi=6912715 /ug=Hs.7797 /len=2095	NM_012461	Hs.7797	NP_036593
3445	0.037129	mRNA; cDNA DKFZp434A1520 (from clone DKFZp434A1520); partial cds /cds=(1,551) /gb=AL137544 /gi=6808224 /ug=Hs.406722 /len=2775	AL137544	Hs.406722	
3473	0.004059	LIM and cysteine-rich domains 1 (LMCD1), mRNA /cds=(115,1212) /gb=NM_014583 /gi=14277673 /ug=Hs.279943 /len=1754	NM_014583	Hs.279943	NP_055398
3476	0.018694	arginine-glutamic acid dipeptide (RE) repeats (RERE), mRNA /cds=(637,5337) /gb=NM_012102 /gi=19923392 /ug=Hs.194369 /len=8035	NM_012102	Hs.194369	NP_036234
3482	0.003392	proteasome (prosome, macropain) 26S subunit, ATPase, 5 (PSMC5), mRNA /cds=(42,1262) /gb=NM_002805 /gi=24497434 /ug=Hs.79387 /len=1332	NM_002805	Hs.79387	NP_002796
3498	0.01738	serine palmitoyl transferase, subunit II gene, complete cds; and unknown genes	AF111168		
3513	0.039603	chromosome 1 open reading frame 29 (C1orf29), mRNA /cds=(242,1483) /gb=NM_006820 /gi=5803026 /ug=Hs.75470 /len=2058	NM_006820	Hs.75470	NP_006811
3527	0.026596	UI-H-FL1-bge-c-14-0-UI.s1 NCI_CGAP_FL1 cDNA clone UI-H-FL1-bge-c-14-0-UI 3', mRNA sequence /clone=UI-H-FL1-bge-c-14-0-UI /clone_end=3' /gb=CA430953 /gi=24793679 /ug=Hs.397680 /len=1105	CA430953	Hs.397680	
3537	0.002573	bobby sox (Drosophila) (BBX), mRNA /cds=(321,3056) /gb=NM_020235 /gi=18378730 /ug=Hs.35380 /len=3462	NM_020235	Hs.35380	NP_064620

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
3582	0.013901	fibroblast activation protein, alpha (FAP), mRNA /cds=(209,2491) /gb=NM_004460 /gi=16933539 /ug=Hs.418 /len=2788	NM_004460	Hs.418	NP_004451
3584	0.034784	mRNA; cDNA DKFZp586L081 (from clone DKFZp586L081) /gb=AL080234 /gi=5262727 /ug=Hs.432862 /len=2159	AL080234	Hs.432862	
3587	0.008019	cAMP responsive element binding protein 1 (CREB1), transcript variant B, mRNA /cds=(182,1207) /gb=NM_134442 /gi=22219460 /ug=Hs.79194 /len=3006	NM_134442	Hs.79194	NP_604391
3596	0.016146	mRNA for KIAA0447 protein, partial cds. /cds=(234,1634) /gb=AB007916 /gi=6683704 /ug=Hs.214646 /len=5932	AB007916	Hs.214646	
3605	0.021575	KIAA0062 mRNA, partial cds /cds=(1,1598) /gb=D31887 /gi=505101 /ug=Hs.89868 /len=4573	D31887	Hs.89868	
3606	0.003392	nucleolar protein family A, member 3 (H/ACA small nucleolar RNPs) (NOLA3), mRNA /cds=(98,292) /gb=NM_018648 /gi=15011920 /ug=Hs.14317 /len=556	NM_018648	Hs.14317	NP_061118
3611	0.042212	hypothetical protein FLJ20152 (FLJ20152), mRNA /cds=(217,1287) /gb=NM_019000 /gi=21361616 /ug=Hs.82273 /len=2989	NM_019000	Hs.82273	NP_061873
3619	0.032563	cytochrome c oxidase subunit IV isoform 1 (COX4I1), nuclear gene encoding mitochondrial protein, mRNA /cds=(165,674) /gb=NM_001861 /gi=17017985 /ug=Hs.433419 /len=802	NM_001861	Hs.433419	NP_001852
3622	0.006254	mitogen-activated protein kinase 1 (MAPK1), transcript variant 1, mRNA /cds=(241,1323) /gb=NM_002745 /gi=20986528 /ug=Hs.324473 /len=2934	NM_002745	Hs.324473	NP_620407
3641	0.004059	hypothetical protein CL25084 (CL25084), mRNA /cds=(132,1583) /gb=NM_015701 /gi=20070263 /ug=Hs.7100 /len=2412	NM_015701	Hs.7100	NP_056516
3642	0.003392	chromosome 1 open reading frame 22 (C1orf22), mRNA /cds=(54,2723) /gb=NM_025191 /gi=19923618 /ug=Hs.279951 /len=6298	NM_025191	Hs.279951	NP_079467
3653	0.047854	cDNA FLJ39355 fis, clone PEBLM2003426. /gb=AK096674 /gi=21756218 /ug=Hs.416902 /len=2809	AK096674	Hs.416902	

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
3690	0.012883	IK cytokine, down-regulator of HLA II (IK), mRNA /cds=(112,1785) /gb=NM_006083 /gi=11038650 /ug=Hs.8024 /len=1785	NM_006083	Hs.8024	NP_006074
3716	0.013901	FLJ21563 fis, clone COL06445 (AK025216.1)	AK025216	Hs.24341	NP_056287
3717	0.028474	dimethylarginine dimethylaminohydrolase 2 (DDAH2), mRNA /cds=(277,1134) /gb=NM_013974 /gi=7524353 /ug=Hs.247362 /len=1351	NM_013974	Hs.247362	NP_039268
3742	0.011037	conserved gene amplified in osteosarcoma (OS4), mRNA /cds=(306,1157) /gb=NM_005730 /gi=19923329 /ug=Hs.355816 /len=4833	NM_005730	Hs.355816	NP_005721
3751	0.003392	S100 calcium binding protein A11 (calgizzarin) (S100A11), mRNA /cds=(121,438) /gb=NM_005620 /gi=5032056 /ug=Hs.417004 /len=595	NM_005620	Hs.417004	NP_005611
3756	0.002342	Ste20-related serine/threonine kinase (SLK), mRNA /cds=(512,3970) /gb=NM_014720 /gi=7661993 /ug=Hs.105751 /len=5988	NM_014720	Hs.105751	NP_055535
3757	0.039603	tubulin, gamma complex associated protein 2 (TUBGCP2), mRNA /cds=(64,2772) /gb=NM_006659 /gi=5729839 /ug=Hs.13386 /len=2846	NM_006659	Hs.13386	NP_006650
3762	0.008697	heat shock 70kDa protein 8 (HSPA8), transcript variant 1, mRNA /cds=(79,2019) /gb=NM_006597 /gi=24234684 /ug=Hs.180414 /len=2276	NM_006597	Hs.180414	NP_694881
3765	0.037129	cold inducible RNA binding protein (CIRBP), mRNA /cds=(81,599) /gb=NM_001280 /gi=4502846 /ug=Hs.119475 /len=1322	NM_001280	Hs.119475	NP_001271
3783	0.039603	Tat-SF1	U76992		NP_055315
3786	0.01738	bone gamma-carboxyglutamate (gla) protein (osteocalcin) (BGLAP), mRNA /cds=(19,321) /gb=NM_000711 /gi=4502400 /ug=Hs.2558 /len=451	NM_000711	Hs.2558	NP_000702
3793	0.026596	myosin, light polypeptide 5, regulatory (MYL5), mRNA /cds=(106,627) /gb=NM_002477 /gi=4505304 /ug=Hs.170482 /len=661	NM_002477	Hs.170482	NP_002468
3797	0.0068	KIAA0081 mRNA, partial cds /cds=(1,708) /gb=D42039 /gi=20521875 /ug=Hs.78871 /len=4174	D42039	Hs.78871	

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
3801	0.016146	ribosomal protein S7 (RPS7), mRNA /cds=(91,675) /gb=NM_001011 /gi=15431308 /ug=Hs.301547 /len=729	NM_001011	Hs.301547	NP_001002
3803	0.026596	forkhead box P1 (FOXP1), mRNA /cds=(432,2465) /gb=NM_032682 /gi=19923670 /ug=Hs.274344 /len=4954	NM_032682	Hs.274344	NP_116071
3806	0.021575	period 1 (Drosophila) (PER1), mRNA /cds=(188,4060) /gb=NM_002616 /gi=4505712 /ug=Hs.68398 /len=4656	NM_002616	Hs.68398	NP_002607
3824	0.018694	scg	D67015		NP_032405
3827	0.021575	helicase C-terminal domain- and SNF2 N-terminal domain-containing protein (CHD6-pending), mRNA /cds=(185,8326) /gb=NM_032221 /gi=21362041 /ug=Hs.45207 /len=8326	NM_032221	Hs.45207	NP_115597
3848	0.042212	PRP4 pre-mRNA processing factor 4 (yeast) (PRPF4), mRNA /cds=(60,1628) /gb=NM_004697 /gi=24431949 /ug=Hs.374973 /len=2765	NM_004697	Hs.374973	NP_004688
3871	0.026596	ATP-binding cassette, sub-family B (MDR/TAP), member 7 (ABCB7), nuclear gene encoding mitochondrial protein, mRNA /cds=(69,2327) /gb=NM_004299 /gi=9665249 /ug=Hs.125856 /len=2444	NM_004299	Hs.125856	NP_004290
3872	3.60E-04	6-phosphogluconolactonase (PGLS), mRNA /cds=(18,794) /gb=NM_012088 /gi=6912585 /ug=Hs.100071 /len=1010	NM_012088	Hs.100071	NP_036220
3901	0.010203	estrogen receptor 1 (ESR1), mRNA /cds=(361,2148) /gb=NM_000125 /gi=4503602 /ug=Hs.1657 /len=6450	NM_000125	Hs.1657	NP_000116
3902	0.037129	RAB, member of RAS oncogene family-like 4 (RABL4), mRNA /cds=(364,921) /gb=NM_006860 /gi=9257237 /ug=Hs.50267 /len=1021	NM_006860	Hs.50267	NP_006851
3908	0.013901	KIAA1287 protein (KIAA1287), mRNA /cds=(77,3691) /gb=NM_020748 /gi=24308210 /ug=Hs.50187 /len=5894	NM_020748	Hs.50187	NP_065799
3924	0.023151	ubiquitin specific protease 10 (USP10), mRNA /cds=(114,2510) /gb=NM_005153 /gi=24307888 /ug=Hs.78829 /len=3009	NM_005153	Hs.78829	NP_005144
3925	0.01738	similar to RIKEN cDNA 1110059E24, clone IMAGE:5218126, mRNA /gb=BC028019 /gi=20380167 /ug=Hs.112993 /len=3343	BC028019	Hs.112993	

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
3932	0.023151	cDNA FLJ10952 fis, clone PLACE1000374. /gb=AK001814 /gi=7023319 /ug=Hs.381077 /len=1871	AK001814	Hs.381077	
3940	0.012883	calpain 2, (m/II) large subunit (CAPN2), mRNA /cds=(143,2245) /gb=NM_001748 /gi=12408645 /ug=Hs.76288 /len=3419	NM_001748	Hs.76288	NP_001739
3942	0.020091	spectrin, alpha, non-erythrocytic 1 (alpha-fodrin) (SPTAN1), mRNA /cds=(103,7521) /gb=NM_003127 /gi=4507190 /ug=Hs.77196 /len=7787	NM_003127	Hs.77196	NP_003118
3948	0.037129	Repetitive sequence(ALU SUBFAMILY SQ)	P39194		
3954	0.004433	esophageal cancer related gene 4 protein (ECRG4), mRNA /cds=(109,555) /gb=NM_032411 /gi=14165275 /ug=Hs.43125 /len=772	NM_032411	Hs.43125	NP_115787
3971	0.004433	sirtuin (silent mating type information regulation 2 1 (S. cerevisiae) (SIRT1), mRNA /cds=(54,2297) /gb=NM_012238 /gi=13775598 /ug=Hs.31176 /len=4107	NM_012238	Hs.31176	NP_036370
3990	0.047854	hypothetical protein HSPC155 (HSPC155), mRNA /cds=(241,744) /gb=NM_016406 /gi=7705480 /ug=Hs.177507 /len=1137	NM_016406	Hs.177507	NP_057490
3991	0.011929	LGMD2B	AJ007973		
3994	0.002342	mitochondrial ribosomal protein L42 (MRPL42), transcript variant 3, nuclear gene encoding mitochondrial protein, mRNA /cds=(179,607) /gb=NM_172178 /gi=26667173 /ug=Hs.112110 /len=2093	NM_172178	Hs.112110	NP_751918
3997	0.004838	NADH dehydrogenase (ubiquinone) flavoprotein 2, 24kDa (NDUFV2), mRNA /cds=(19,768) /gb=NM_021074 /gi=10835024 /ug=Hs.51299 /len=827	NM_021074	Hs.51299	NP_066552
4028	0.011037	ATP synthase, H transporting, mitochondrial F0 complex, subunit c (subunit 9), isoform 1 (ATP5G1), mRNA /cds=(120,530) /gb=NM_005175 /gi=4885080 /ug=Hs.80986 /len=631	NM_005175	Hs.80986	NP_005166
4047	0.021575	mitogen-activated protein kinase kinase kinase 5 (MAP3K5), mRNA /cds=(362,4486) /gb=NM_005923 /gi=21536459 /ug=Hs.151988 /len=5215	NM_005923	Hs.151988	NP_005914

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
4054	0.004838	histamine N-methyltransferase (HNMT), mRNA /cds=(253,1131) /gb=NM_006895 /gi=5901969 /ug=Hs.81182 /len=1667	NM_006895	Hs.81182	NP_008826
4062	0.028474	B-cell CLL/lymphoma 6 (zinc finger protein 51) (BCL6), transcript variant 2, mRNA /cds=(421,2541) /gb=NM_138931 /gi=21040335 /ug=Hs.155024 /len=3630	NM_138931	Hs.155024	NP_620309
4100	0.039405	splicing factor 30, survival of motor neuron-related (SPF30), mRNA /cds=(193,909) /gb=NM_005871 /gi=21361283 /ug=Hs.79968 /len=2033	NM_005871	Hs.79968	NP_005862
4105	0.037129	PRO0245 protein (PRO0245)	NM_014122		
4106	0.020091	pre-B-cell colony-enhancing factor (PBEF), mRNA /cds=(28,1503) /gb=NM_005746 /gi=5031976 /ug=Hs.239138 /len=2376	NM_005746	Hs.239138	NP_005737
4109	0.0068	autonomously replicating sequence (ARS)	L08437		NP_006594
4131	0.004433	thymosin, beta 4, X chromosome (TMSB4X), mRNA /cds=(78,212) /gb=NM_021109 /gi=11056060 /ug=Hs.75968 /len=556	NM_021109	Hs.75968	NP_066932
4136	0.023151	602361518F1 NIH_MGC_89 cDNA clone IMAGE:4469716 5', mRNA sequence /clone=IMAGE:4469716 /clone_end=5' /gb=BG249265 /gi=12759081 /ug=Hs.280777 /len=947	BG249265	Hs.280777	
4158	0.002824	immunoglobulin superfamily, member 6 (IGSF6), mRNA /cds=(45,770) /gb=NM_005849 /gi=5031672 /ug=Hs.135194 /len=1019	NM_005849	Hs.135194	NP_005840
4169	0.026596	ribosomal protein S16	M60854		NP_001011
4172	0.024824	cDNA FLJ14762 fis, clone NT2RP3003491, weakly similar to Drosophila melanogaster Pelle associated protein Pellino (Pli) mRNA. /cds=(66,1028) /gb=AK027668 /gi=14042516 /ug=Hs.7886 /len=2866	AK027668	Hs.7886	NP_065702
4176	0.018694	mitotic control protein dis3 (DIS3), mRNA /cds=(37,2913) /gb=NM_014953 /gi=19923415 /ug=Hs.323346 /len=7320	NM_014953	Hs.323346	NP_055768
4178	0.047854	hypothetical protein (KIAA0536)	AB011108		NP_789770
4180	0.028474	leucine aminopeptidase 3 (LAP3), mRNA /cds=(187,1746) /gb=NM_015907 /gi=7705687 /ug=Hs.182579 /len=2147	NM_015907	Hs.182579	NP_056991

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
4181	0.018694	KIAA0663 gene product (KIAA0663), mRNA /cds=(214,2646) /gb=NM_014827 /gi=7662231 /ug=Hs.17969 /len=4365	NM_014827	Hs.17969	NP_055642
4186	0.023151	thioredoxin interacting protein (TXNIP), mRNA /cds=(222,1397) /gb=NM_006472 /gi=5454161 /ug=Hs.179526 /len=2704	NM_006472	Hs.179526	NP_006463
4189	0.014988	fatty-acid-Coenzyme A ligase, long-chain 4 (FACL4), transcript variant 2, mRNA /cds=(507,2642) /gb=NM_022977 /gi=12669908 /ug=Hs.81452 /len=5356	NM_022977	Hs.81452	NP_075266
4190	0.042212	protein x 0001 (LOC51185), mRNA /cds=(34,1044) /gb=NM_016302 /gi=10047097 /ug=Hs.18925 /len=1668	NM_016302	Hs.18925	NP_057386
4217	0.024824	eukaryotic translation elongation factor 1 delta (guanine nucleotide exchange protein) (EEF1D), transcript variant 1, mRNA /cds=(198,2141) /gb=NM_032378 /gi=25453473 /ug=Hs.334798 /len=2216	NM_032378	Hs.334798	NP_115754
4218	0.028474	activin beta-C chain	X82540		
4223	0.011929	solute carrier family 25 (carnitine/acylcarnitine translocase), member 20 (SLC25A20), mitochondrial protein encoded by nuclear gene, mRNA /cds=(37,942) /gb=NM_000387 /gi=6006040 /ug=Hs.13845 /len=1219	NM_000387	Hs.13845	NP_000378
4224	0.008019	fibroblast growth factor receptor 1 (fms-related tyrosine kinase 2, Pfeiffer syndrome) (FGFR1), transcript variant 7, mRNA /cds=(727,2715) /gb=NM_023109 /gi=13186244 /ug=Hs.748 /len=4066	NM_023109	Hs.748	NP_075599
4226	0.030461	KIAA0436 mRNA, partial cds. /cds=(1,2070) /gb=AB007896 /gi=2662152 /ug=Hs.110 /len=4661	AB007896	Hs.110	
4234	0.028474	ribosomal protein S4, Y-linked (RPS4Y), mRNA /cds=(13,804) /gb=NM_001008 /gi=17981706 /ug=Hs.180911 /len=931	NM_001008	Hs.180911	NP_000999
4239	0.010203	mercaptopyruvate sulfurtransferase (MPST), mRNA /cds=(148,1041) /gb=NM_021126 /gi=23510449 /ug=Hs.248267 /len=1349	NM_021126	Hs.248267	NP_066949

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
4300	0.039603	hypothetical protein MBC3205 (MBC3205), mRNA /cds=(215,784) /gb=NM_033408 /gi=15529965 /ug=Hs.43621 /len=961	NM_033408	Hs.43621	
4308	2.01E-04	Kruppel-like factor (LOC51713), mRNA /cds=(85,1152) /gb=NM_016270 /gi=7706468 /ug=Hs.107740 /len=1647	NM_016270	Hs.107740	NP_057354
4309	0.007388	aminopeptidase puromycin sensitive (NPEPPS), mRNA /cds=(196,2823) /gb=NM_006310 /gi=15451906 /ug=Hs.293007 /len=4177	NM_006310	Hs.293007	NP_006301
4320	0.034784	lysosomal associated protein transmembrane 4 beta (LAPTM4B), mRNA /cds=(234,914) /gb=NM_018407 /gi=27597070 /ug=Hs.296398 /len=2045	NM_018407	Hs.296398	NP_060877
4339	0.001606	lamin B receptor (LBR), mRNA /cds=(76,1923) /gb=NM_002296 /gi=4504960 /ug=Hs.152931 /len=3714	NM_002296	Hs.152931	NP_002287
4350	0.024824	hypothetical protein FLJ10081 (FLJ10081), mRNA /cds=(437,2812) /gb=NM_017991 /gi=21361733 /ug=Hs.7871 /len=5249	NM_017991	Hs.7871	NP_060461
4395	0.01738	hypothetical protein LOC51255 (LOC51255), mRNA /cds=(31,492) /gb=NM_016494 /gi=24475978 /ug=Hs.11156 /len=601	NM_016494	Hs.11156	NP_057578
4404	0.00213	KIAA1723 protein, partial cds /cds=UNKNOWN /gb=AB051510 /gi=12697990 /ug=Hs.8700 /len=7365	AB051510	Hs.8700	NP_006085
4408	0.004433	mRNA for KIAA1165 protein, partial cds. /cds=(1,855) /gb=AB032991 /gi=6330170 /ug=Hs.30340 /len=4415	AB032991	Hs.30340	
4436	0.021575	interleukin 16 (lymphocyte chemoattractant factor) (IL16), transcript variant 2, mRNA /cds=(267,4001) /gb=NM_172217 /gi=27262656 /ug=Hs.82127 /len=8615	NM_172217	Hs.82127	NP_757366
4440	0.042212	alcohol dehydrogenase 5 (class III), chi polypeptide (ADH5), mRNA /cds=(163,1287) /gb=NM_000671 /gi=11496890 /ug=Hs.78989 /len=2496	NM_000671	Hs.78989	NP_000662
4464	0.04496	suCRase-isomaltase (SI)	M84646		
4466	0.047854	cDNA: FLJ21659 fis, clone COL08743. /gb=AK025312 /gi=10437802 /ug=Hs.248862 /len=2423	AK025312	Hs.248862	
4467	0.016146	ureidopropionase, beta (UPB1), mRNA /cds=(61,1215) /gb=NM_016327 /gi=7706508 /ug=Hs.126926 /len=2006	NM_016327	Hs.126926	NP_057411

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
4468	0.047854	cDNA FLJ13771 fis, clone PLACE4000270. /gb=AK023833 /gi=10435888 /ug=Hs.288934 /len=6133	AK023833	Hs.288934	
4473	0.016146	matrilin 2 (MATN2), transcript variant 1, mRNA /cds=(126,2996) /gb=NM_002380 /gi=13518036 /ug=Hs.19368 /len=3496	NM_002380	Hs.19368	NP_085072
4511	0.001592	syndecan binding protein (syntenin) (SDCBP), mRNA /cds=(149,1045) /gb=NM_005625 /gi=5032082 /ug=Hs.8180 /len=2193	NM_005625	Hs.8180	NP_005616
4513	0.011929	hepatitis B virus x interacting protein (HBXIP), mRNA /cds=(56,331) /gb=NM_006402 /gi=5454169 /ug=Hs.433355 /len=605	NM_006402	Hs.433355	NP_006393
4515	0.028474	cell recognition molecule CASPR3 (CASPR3), transcript variant 1, mRNA /cds=(408,3872) /gb=NM_033655 /gi=16306508 /ug=Hs.212839 /len=5017	NM_033655	Hs.212839	NP_387504
4525	0.018694	U5 snRNP-specific protein, 116 kD (U5-116KD), mRNA /cds=(61,2979) /gb=NM_004247 /gi=4759279 /ug=Hs.151787 /len=3784	NM_004247	Hs.151787	NP_004238
4532	0.018281	endonuclease/reverse transCRiptase [Mus musculus]	AAC53542		
4535	0.034512	PC326 protein (PC326), mRNA /cds=(695,2296) /gb=NM_018442 /gi=8923955 /ug=Hs.279882 /len=2727	NM_018442	Hs.279882	NP_060912
4537	0.013901	cleavage and polyadenylation specific factor 5, 25 kDa (CPSF5), mRNA /cds=(1,684) /gb=NM_007006 /gi=5901925 /ug=Hs.9605 /len=764	NM_007006	Hs.9605	NP_008937
4540	0.016146	decay accelerating factor for complement (CD55, Cromer blood group system) (DAF), mRNA /cds=(66,1211) /gb=NM_000574 /gi=10835142 /ug=Hs.1369 /len=2102	NM_000574	Hs.1369	NP_000565
4554	0.003392	integral membrane protein 2B (ITM2B), mRNA /cds=(171,971) /gb=NM_021999 /gi=11527401 /ug=Hs.239625 /len=1843	NM_021999	Hs.239625	NP_068839
4556	0.011037	phosphorylase, glycogen; liver (Hers disease, glycogen storage disease type VI) (PYGL), mRNA /cds=(52,2595) /gb=NM_002863 /gi=4506352 /ug=Hs.771 /len=2643	NM_002863	Hs.771	NP_002854

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
4583	0.04496	restin (Reed-Steinberg cell-expressed intermediate filament-associated protein) (RSN), mRNA /cds=(133,4416) /gb=NM_002956 /gi=4506750 /ug=Hs.31638 /len=5857	NM_002956	Hs.31638	NP_002947
4616	0.028474	603054284F1 NIH_MGC_122 cDNA clone IMAGE:5203652 5', mRNA sequence /clone=IMAGE:5203652 /clone_end=5' /gb=BI767055 /gi=15758633 /ug=Hs.356004 /len=1067	BI767055	Hs.356004	
4647	0.04496	S-phase kinase-associated protein 1A (p19A) (SKP1A), transcript variant 1, mRNA /cds=(140,622) /gb=NM_006930 /gi=25777710 /ug=Hs.171626 /len=2172	NM_006930	Hs.171626	NP_733779
4650	0.04496	WW domain binding protein 11 (WBP11), mRNA /cds=(162,2087) /gb=NM_016312 /gi=18375679 /ug=Hs.334811 /len=2690	NM_016312	Hs.334811	NP_057396
4653	0.003392	degenerative spermatocyte lipid desaturase (Drosophila) (DEGS), transcript variant 1, mRNA /cds=(112,1083) /gb=NM_003676 /gi=21614503 /ug=Hs.185973 /len=2058	NM_003676	Hs.185973	NP_659004
4659	0.026596	retinoic acid induced 2 (RAI2), mRNA /cds=(379,1971) /gb=NM_021785 /gi=12056469 /ug=Hs.49597 /len=2338	NM_021785	Hs.49597	NP_068557
4689	0.04496	t-complex-associated-testis-expressed 1-like (TCTE1L), mRNA /cds=(69,419) /gb=NM_006520 /gi=5730086 /ug=Hs.446392 /len=2156	NM_006520	Hs.446392	NP_006511
4693	0.001442	H3 histone, family 3B (H3.3B) (H3F3B), mRNA /cds=(118,528) /gb=NM_005324 /gi=21264598 /ug=Hs.180877 /len=1662	NM_005324	Hs.180877	NP_005315
4695	0.032563	oxytocin receptor (OXTR), mRNA /cds=(622,1791) /gb=NM_000916 /gi=12707575 /ug=Hs.2820 /len=4357	NM_000916	Hs.2820	NP_000907
4698	0.030409	retinoic acid receptor, beta (RARβ), transcript variant 1, mRNA /cds=(469,1815) /gb=NM_000965 /gi=14916493 /ug=Hs.171495 /len=3119	NM_000965	Hs.171495	NP_057236
4701	0.024824	ubiquitin-like 5 (UBL5), mRNA /cds=(66,287) /gb=NM_024292 /gi=13236509 /ug=Hs.13836 /len=413	NM_024292	Hs.13836	NP_077268

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
4720	0.013901	heterogeneous nuclear ribonucleoprotein R (HNRPR), mRNA /cds=(91,1992) /gb=NM_005826 /gi=14141188 /ug=Hs.15265 /len=2663	NM_005826	Hs.15265	NP_005817
4722	0.011929	S-phase kinase-associated protein 1A (p19A) (SKP1A), transcript variant 1, mRNA /cds=(140,622) /gb=NM_006930 /gi=25777710 /ug=Hs.171626 /len=2172	NM_006930	Hs.171626	NP_733779
4723	8.65E-04	Escherichia coli K-12 MG1655 section 343 of 400 of the complete genome	AE000453		
4728	0.042212	pp21 (LOC51186), mRNA /cds=(263,577) /gb=NM_016303 /gi=10047099 /ug=Hs.15984 /len=1038	NM_016303	Hs.15984	NP_057387
4736	0.008019	E74-like factor 1 (ets domain transcription factor) (ELF1), mRNA /cds=(256,2115) /gb=NM_172373 /gi=27363483 /ug=Hs.154365 /len=3526	NM_172373	Hs.154365	NP_758961
4737	0.032563	deoxyribonuclease II, lysosomal (DNASE2), mRNA /cds=(94,1176) /gb=NM_001375 /gi=4503348 /ug=Hs.118243 /len=1975	NM_001375	Hs.118243	NP_001366
4741	0.018694	hypothetical protein MGC21981 (MGC21981), mRNA /cds=(66,764) /gb=NM_153267 /gi=23397567 /ug=Hs.131987 /len=1727	NM_153267	Hs.131987	NP_694999
4757	0.0068	sarcoma amplified sequence (SAS), mRNA /cds=(155,787) /gb=NM_005981 /gi=21264346 /ug=Hs.50984 /len=1809	NM_005981	Hs.50984	NP_005972
4761	0.015733	calpastatin (CAST), transcript variant 2, mRNA /cds=(155,2215) /gb=NM_173060 /gi=27765084 /ug=Hs.359682 /len=4296	NM_173060	Hs.359682	NP_775085
4765	0.013901	N-myc (and STAT) interactor (NMI), mRNA /cds=(281,1204) /gb=NM_004688 /gi=4758813 /ug=Hs.54483 /len=1426	NM_004688	Hs.54483	NP_004679
4769	0.004059	mitochondrial ribosomal protein L37 (MRPL37), nuclear gene encoding mitochondrial protein, mRNA /cds=(78,1349) /gb=NM_016491 /gi=22547133 /ug=Hs.4209 /len=1511	NM_016491	Hs.4209	NP_057575
4774	0.034784	ribosomal protein S19 (RPS19), mRNA /cds=(70,507) /gb=NM_001022 /gi=14591914 /ug=Hs.298262 /len=569	NM_001022	Hs.298262	NP_001013
4782	0.01738	CDC-like kinase1 (CLK1), mRNA /cds=(156,1610) /gb=NM_004071 /gi=4758007 /ug=Hs.2083 /len=1834	NM_004071	Hs.2083	NP_004062

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
4798	0.008697	Rho-associated, coiled-coil containing protein kinase 2 (ROCK2), mRNA /cds=(455,4621) /gb=NM_004850 /gi=6633807 /ug=Hs.58617 /len=6409	NM_004850	Hs.58617	NP_004841
4807	0.01738	glypican 6 (GPC6), mRNA /cds=(616,2283) /gb=NM_005708 /gi=8051601 /ug=Hs.118407 /len=2760	NM_005708	Hs.118407	NP_005699
4814	0.024441	ribosomal protein L10a (RPL10A), mRNA /cds=(16,669) /gb=NM_007104 /gi=15431287 /ug=Hs.425293 /len=700	NM_007104	Hs.425293	NP_009035
4830	0.034784	golgin-67 (KIAA0855), mRNA /cds=(343,2238) /gb=NM_015003 /gi=19923417 /ug=Hs.182982 /len=4578	NM_015003	Hs.182982	NP_851422
4831	7.78E-04	protein kinase C, theta (PRKCQ), mRNA /cds=(22,2142) /gb=NM_006257 /gi=5453975 /ug=Hs.211593 /len=2705	NM_006257	Hs.211593	NP_006248
4835	4.04E-04	tj81f06.x1 Soares_NSF_F8_9W_OT_PA_P_S1 cDNA clone IMAGE:2147939 3' similar to gb:M11050 GLUCOCORTICOID RECEPTOR, BETA mRNA sequence /clone=IMAGE:2147939 /clone_end=3' /gb=AI472273 /gi=4334363 /ug=Hs.228361 /len=555	AI472273	Hs.228361	
4837	0.018694	UI-H-BW1-amj-g-07-0-UI.s1 NCI_CGAP_Sub7 cDNA clone IMAGE:3070261 3', mRNA sequence /clone=IMAGE:3070261 /clone_end=3' /gb=BF513214 /gi=11598393 /ug=Hs.445888 /len=620	BF513214	Hs.445888	
4855	0.042212	KIAA0795 protein(KIAA0795), mRNA	XM_016166		
4856	0.042212	similar to unknown protein (low aa match)	XP_066236		
4874	0.011929	ankyrin repeat domain 10 (ANKRD10), mRNA /cds=(136,1398) /gb=NM_017664 /gi=8923103 /ug=Hs.172572 /len=2509	NM_017664	Hs.172572	NP_060134
4881	0.004433	glyoxylate reductase/hydroxypyruvate reductase (GRHPR), mRNA /cds=(42,1028) /gb=NM_012203 /gi=6912395 /ug=Hs.155742 /len=1235	NM_012203	Hs.155742	NP_036335
4884	0.003808	geranylgeranyl diphosphate synthase 1 (GGPS1), mRNA /cds=(233,1135) /gb=NM_004837 /gi=21359876 /ug=Hs.55498 /len=1489	NM_004837	Hs.55498	NP_004828

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
4909	0.009424	hypothetical protein FLJ20542 (FLJ20542), mRNA /cds=(63,899) /gb=NM_032179 /gi=14149862 /ug=Hs.6449 /len=1984	NM_032179	Hs.6449	NP_115555
4915	0.0068	hypothetical protein FLJ13149 (FLJ13149), mRNA /cds=(291,2585) /gb=NM_021826 /gi=11141902 /ug=Hs.112188 /len=2836	NM_021826	Hs.112188	NP_068598
4919	0.034784	KIAA0436 mRNA, partial cds. /cds=(1,2070) /gb=AB007896 /gi=2662152 /ug=Hs.110 /len=4661	AB007896	Hs.110	
4943	0.018694	DKFZp434N1717 (from clone DKFZp434N1717)	AL133655		NP_473357
4946	0.001935	myosin, light polypeptide 6, alkali, smooth muscle and non-muscle (MYL6), transcript variant 3, mRNA /cds=(41,514) /gb=NM_079425 /gi=17986263 /ug=Hs.77385 /len=717	NM_079425	Hs.77385	NP_524149
4956	0.032563	hypothetical protein FLJ20671 (FLJ20671), mRNA /cds=(43,465) /gb=NM_017924 /gi=19923511 /ug=Hs.180201 /len=2855	NM_017924	Hs.180201	NP_060394
4969	0.042212	mRNA; cDNA DKFZp434A163 (from clone DKFZp434A163); partial cds /cds=(1,4964) /gb=AL110218 /gi=5817150 /ug=Hs.127401 /len=5084	AL110218	Hs.127401	
4979	0.047854	ribosomal protein L6 (RPL6), mRNA /cds=(32,898) /gb=NM_000970 /gi=16753226 /ug=Hs.409045 /len=950	NM_000970	Hs.409045	NP_000961
4980	0.034784	Gene 33/Mig-6 (MIG-6), mRNA /cds=(213,1601) /gb=NM_018948 /gi=21314673 /ug=Hs.11169 /len=3099	NM_018948	Hs.11169	NP_061821
4981	0.004838	hypothetical protein FLJ13386 (FLJ13386), mRNA /cds=(428,2539) /gb=NM_025180 /gi=22095366 /ug=Hs.300876 /len=2770	NM_025180	Hs.300876	NP_079456
4988	0.012883	translocase of outer mitochondrial membrane 70 A (yeast) (TOMM70A), mRNA /cds=(92,1918) /gb=NM_014820 /gi=7662672 /ug=Hs.21198 /len=4017	NM_014820	Hs.21198	NP_055635
4992	6.28E-04	tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor) (TFPI), mRNA /cds=(1,915) /gb=NM_006287 /gi=6715569 /ug=Hs.170279 /len=915	NM_006287	Hs.170279	NP_006278

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
4993	0.037129	likely ortholog of mouse hepatoma-derived growth factor, related protein 3 (HDGFRP3), mRNA /cds=(156,767) /gb=NM_016073 /gi=21359902 /ug=Hs.127842 /len=1973	NM_016073	Hs.127842	NP_057157
5010	0.011037	DKFZp586E0524 (from clone DKFZp586E0524)	AL110153		NP_000974
5017	0.010203	HMG-box containing protein 1 (HBP1), mRNA /cds=(187,1731) /gb=NM_012257 /gi=21361410 /ug=Hs.10882 /len=2857	NM_012257	Hs.10882	NP_036389
5024	0.012883	xylosylprotein beta 1,4-galactosyltransferase, polypeptide 7 (galactosyltransferase I) (B4GALT7), mRNA /cds=(41,1024) /gb=NM_007255 /gi=6005951 /ug=Hs.54702 /len=1669	NM_007255	Hs.54702	NP_009186
5029	0.005275	mortality factor 4 like 1 (MORF4L1), mRNA /cds=(132,1103) /gb=NM_006791 /gi=5803101 /ug=Hs.6353 /len=1766	NM_006791	Hs.6353	NP_006782
5037	0.0068	MAP kinase-interacting serine/threonine kinase 2 (MKNK2), mRNA /cds=(23,1267) /gb=NM_017572 /gi=9994196 /ug=Hs.261828 /len=1549	NM_017572	Hs.261828	NP_060042
5044	0.039603	S100 calcium binding protein A4 (calcium protein, calvasculin, metastasin, murine placental (S100A4), transcript variant 1, mRNA /cds=(70,375) /gb=NM_002961 /gi=9845514 /ug=Hs.81256 /len=512	NM_002961	Hs.81256	NP_062427
5047	0.005746	hypothetical protein DJ328E19.C1.1 (DJ328E19.C1.1), mRNA /cds=(18,2783) /gb=NM_015383 /gi=7657016 /ug=Hs.218329 /len=3689	NM_015383	Hs.218329	NP_056198
5049	0.011037	mRNA for KIAA0592 protein, partial cds. /cds=(1,4062) /gb=AB011164 /gi=3043707 /ug=Hs.439367 /len=4623	AB011164	Hs.439367	
5050	0.006254	protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform (calcineurin A alpha) (PPP3CA), mRNA /cds=(407,1972) /gb=NM_000944 /gi=19923130 /ug=Hs.272458 /len=4425	NM_000944	Hs.272458	NP_000935
5053	0.008019	tubulin-specific chaperone d (TBCD), mRNA /cds=(110,3688) /gb=NM_005993 /gi=8400735 /ug=Hs.12570 /len=3927	NM_005993	Hs.12570	NP_005984

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
5062	0.007388	KIAA1208 protein, partial cds /cds=UNKNOWN /gb=AB033034 /gi=6382021 /ug=Hs.7041 /len=6447	AB033034	Hs.7041	NP_077288
5069	0.023151	hsp70-interacting protein (HSPBP1), mRNA /cds=(312,1400) /gb=NM_012267 /gi=21361406 /ug=Hs.53066 /len=1795	NM_012267	Hs.53066	NP_036399
5102	5.63E-04	cofilin 1 (non-muscle) (CFL1), mRNA /cds=(52,552) /gb=NM_005507 /gi=5031634 /ug=Hs.180370 /len=1059	NM_005507	Hs.180370	NP_005498
5111	0.016146	chromosome 14 open reading frame 94 (C14orf94), mRNA /cds=(211,1302) /gb=NM_017815 /gi=8923395 /ug=Hs.8886 /len=1618	NM_017815	Hs.8886	NP_060285
5147	0.008697	blue cone opsin gene, complete cds (L32835.1)	L32835	Hs.102119	
5187	0.014988	zinc finger protein 281 (ZNF281), mRNA /cds=(24,2711) /gb=NM_012482 /gi=6912751 /ug=Hs.59757 /len=3029	NM_012482	Hs.59757	NP_036614
5188	0.026596	p53R2 mRNA for ribonucleotide reductase, complete cds. /cds=(245,1300) /gb=AB036063 /gi=7229085 /ug=Hs.94262 /len=4955	AB036063	Hs.94262	
5193	0.014988	RAB23, member RAS oncogene family (RAB23), mRNA /cds=(151,864) /gb=NM_016277 /gi=19923480 /ug=Hs.94769 /len=2588	NM_016277	Hs.94769	NP_057361
5204	0.04496	stathmin-like 3 (STMN3), mRNA /cds=(83,625) /gb=NM_015894 /gi=14670374 /ug=Hs.285753 /len=2255	NM_015894	Hs.285753	NP_056978
5206	0.047854	CAAX box 1 (CXX1), mRNA /cds=(335,964) /gb=NM_003928 /gi=4503180 /ug=Hs.250708 /len=1209	NM_003928	Hs.250708	NP_003919
5220	0.04496	calcium-independent alpha-latrotoxin receptor homolog 2 (CIRL-2) mRNA, complete cds	AF063102		
5224	0.028474	ubiquitously-expressed transcript (UXT), transcript variant 1, mRNA /cds=(155,664) /gb=NM_153477 /gi=24041017 /ug=Hs.172791 /len=734	NM_153477	Hs.172791	NP_705582
5235	0.003097	major histocompatibility complex, class II, DR beta 1 (HLA-DRB1), mRNA /cds=(63,863) /gb=NM_002124 /gi=4504410 /ug=Hs.375570 /len=1182	NM_002124	Hs.375570	NP_002115

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
5241	0.012883	RNA binding motif, single stranded interacting protein 1 (RBMS1), transcript variant MSSP-2, mRNA /cds=(266,1435) /gb=NM_016839 /gi=8400723 /ug=Hs.241567 /len=1679	NM_016839	Hs.241567	NP_058523
5243	0.010203	chromosome 14 open reading frame 2 (C14orf2), mRNA /cds=(61,237) /gb=NM_004894 /gi=4758939 /ug=Hs.109052 /len=627	NM_004894	Hs.109052	NP_004885
5249	0.047854	Escherichia coli K-12 MG1655 section 343 of 400 of the complete genome	AE000453		
5274	0.030461	lysosomal apyrase-like 1 (LYSAL1)	XM_040572		
5275	0.032563	DKFZP434F091 protein (DKFZP434F091), mRNA /cds=(335,1858) /gb=NM_015453 /gi=14149689 /ug=Hs.30488 /len=2897	NM_015453	Hs.30488	NP_056268
5277	0.020091	reversion-inducing-cysteine-rich protein with kazal motifs (RECK), mRNA /cds=(93,3008) /gb=NM_021111 /gi=11863155 /ug=Hs.29640 /len=4414	NM_021111	Hs.29640	NP_066934
5283	0.037129	transforming, acidic coiled-coil containing protein 2 (TACC2), mRNA /cds=(87,3167) /gb=NM_006997 /gi=11119413 /ug=Hs.272023 /len=3686	NM_006997	Hs.272023	NP_008928
5302	0.002824	poly(rC) binding protein 1 (PCBP1), mRNA /cds=(178,1248) /gb=NM_006196 /gi=14141164 /ug=Hs.2853 /len=1634	NM_006196	Hs.2853	NP_006187
5317	0.042059	ribosomal protein S2 (RPS2), mRNA /cds=(12,893) /gb=NM_002952 /gi=15055538 /ug=Hs.356360 /len=978	NM_002952	Hs.356360	NP_002943
5323	0.012883	epithelial membrane protein 3 (EMP3), mRNA /cds=(242,733) /gb=NM_001425 /gi=4503562 /ug=Hs.9999 /len=817	NM_001425	Hs.9999	NP_001416
5325	0.013901	eukaryotic translation elongation factor 2 (EEF2), mRNA /cds=(69,2645) /gb=NM_001961 /gi=25453476 /ug=Hs.75309 /len=3148	NM_001961	Hs.75309	NP_001952
5330	0.01738	discs, large 7 (Drosophila) (DLG7), mRNA /cds=(218,2758) /gb=NM_014750 /gi=21361644 /ug=Hs.77695 /len=2979	NM_014750	Hs.77695	NP_055565
5344	0.034784	Similar to hypothetical protein dJ465N24.2.1, clone IMAGE:5269181, mRNA /gb=BC041843 /gi=27693120 /ug=Hs.259412 /len=3079	BC041843	Hs.259412	
5364	0.047854	hypothetical protein DKFZp547I224 (RefSeq aa 9e-31)	NP_064606		

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
5393	0.020091	ubiquitination factor E4B (UFD2 yeast) (UBE4B), mRNA /cds=(86,3994) /gb=NM_006048 /gi=5174482 /ug=Hs.24594 /len=5314	NM_006048	Hs.24594	NP_006039
5400	0.04496	dUTP pyrophosphatase (DUT), mRNA /cds=(20,514) /gb=NM_001948 /gi=21361335 /ug=Hs.367676 /len=1816	NM_001948	Hs.367676	NP_001939
5401	0.023151	clone MGC:46380 IMAGE:4524661, mRNA, complete cds /cds=(296,2071) /gb=BC038805 /gi=24416461 /ug=Hs.32425 /len=2554	BC038805	Hs.32425	NP_076870
5402	0.023151	brain cDNA, clone:QnpA-21421	AB050422		
5408	0.018694	mitogen-activated protein kinase kinase 7 interacting protein 2 (MAP3K7IP2), transcript variant 2, mRNA /cds=(176,1786) /gb=NM_145342 /gi=21735558 /ug=Hs.109727 /len=4359	NM_145342	Hs.109727	NP_663317
5413	0.016146	mRNA for hypothetical protein (ORF1) /cds=(327,989) /gb=AJ297792 /gi=27526568 /ug=Hs.11114 /len=4110	AJ297792	Hs.11114	
5433	0.030461	actin related protein 2/3 complex, subunit 5, 16kDa (ARPC5), mRNA /cds=(192,647) /gb=NM_005717 /gi=23238212 /ug=Hs.82425 /len=2000	NM_005717	Hs.82425	NP_005708
5471	0.002342	short form transcription factor C-MAF (c-maf)	AF055376		NP_005351
5477	0.005275	lectin, galactoside-binding, soluble, 3 (galectin 3) (LGALS3), mRNA /cds=(19,771) /gb=NM_002306 /gi=4504982 /ug=Hs.621 /len=914	NM_002306	Hs.621	NP_002297
5489	0.0068	DKFZP566H073 protein (DKFZP566H073), mRNA /cds=(450,1502) /gb=NM_015528 /gi=14149701 /ug=Hs.7158 /len=1723	NM_015528	Hs.7158	NP_056343
5506	0.034784	xf26f10.x1 NCI_CGAP_Ut1 cDNA clone IMAGE:2619211 3', mRNA sequence /clone=IMAGE:2619211 /clone_end=3' /gb=AW130007 /gi=6131612 /ug=Hs.389726 /len=423	AW130007	Hs.389726	
5508	0.024824	KIAA0185 mRNA, complete cds. /cds=(1,5656) /gb=D80007 /gi=1136429 /ug=Hs.239499 /len=5823	D80007	Hs.239499	
5510	0.004059	eukaryotic translation initiation factor 3, subunit 7 zeta, 66/67kDa (EIF3S7), mRNA /cds=(372,2018) /gb=NM_003753 /gi=23238220 /ug=Hs.55682 /len=2169	NM_003753	Hs.55682	NP_003744

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
5514	0.024824	ribosomal protein L4 (RPL4), mRNA /cds=(57,1340) /gb=NM_000968 /gi=16579884 /ug=Hs.286 /len=1449	NM_000968	Hs.286	NP_000959
5516	0.012883	dihydrofolate reductase (DHFR), mRNA /cds=(480,1043) /gb=NM_000791 /gi=7262376 /ug=Hs.83765 /len=3900	NM_000791	Hs.83765	NP_000782
5520	0.01738	transforming growth factor-beta type I receptor	AF035669		
5521	0.032563	papillomavirus L2 interacting nuclear protein 1 (PLINP-1), mRNA /cds=(1,669) /gb=NM_052850 /gi=18959277 /ug=Hs.83135 /len=669	NM_052850	Hs.83135	NP_443082
5549	0.042212	N-methylpurine-DNA glycosylase (MPG), mRNA /cds=(147,1043) /gb=NM_002434 /gi=4505232 /ug=Hs.79396 /len=1108	NM_002434	Hs.79396	NP_002425
5574	0.04496	hypothetical protein FLJ20452 (FLJ20452), mRNA /cds=(15,614) /gb=NM_017828 /gi=21361660 /ug=Hs.351327 /len=1948	NM_017828	Hs.351327	NP_060298
5576	0.037129	mRNA; cDNA DKFZp451A0419 (from clone DKFZp451A0419) /gb=AL833070 /gi=21733661 /ug=Hs.146233 /len=4831	AL833070	Hs.146233	
5581	0.011037	cDNA FLJ35019 fis, clone OCBBF2014541. /gb=AK092338 /gi=21750910 /ug=Hs.348799 /len=2778	AK092338	Hs.348799	
5584	0.037129	regulator of nonsense transcripts 1 (RENT1), mRNA /cds=(232,3588) /gb=NM_002911 /gi=18375672 /ug=Hs.12719 /len=5300	NM_002911	Hs.12719	NP_002902
5591	0.037129	SEC22 vesicle trafficking protein-like 3 (S. cerevisiae) (SEC22L3), transcript variant 2, mRNA /cds=(119,871) /gb=NM_004206 /gi=21536310 /ug=Hs.12942 /len=1519	NM_004206	Hs.12942	NP_116752
5600	0.018694	ADP-ribosylation factor 5 (ARF5), mRNA /cds=(37,579) /gb=NM_001662 /gi=6995999 /ug=Hs.430657 /len=978	NM_001662	Hs.430657	NP_001653
5612	0.007388	MAP-kinase activating death domain (MADD), transcript variant 4, mRNA /cds=(192,5135) /gb=NM_003682 /gi=18860876 /ug=Hs.82548 /len=6016	NM_003682	Hs.82548	NP_569832
5616	0.011929	solute carrier family 31 (copper transporters), member 1 (SLC31A1), mRNA /cds=(153,725) /gb=NM_001859 /gi=4507014 /ug=Hs.380728 /len=1804	NM_001859	Hs.380728	NP_001850

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
5620	0.026596	solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 6 (SLC25A6), nuclear gene encoding mitochondrial protein, mRNA /cds=(93,989) /gb=NM_001636 /gi=27764862 /ug=Hs.407372 /len=1455	NM_001636	Hs.407372	NP_001627
5632	0.0068	macrophage migration inhibitory factor (glycosylation-inhibiting factor) (MIF), mRNA /cds=(98,445) /gb=NM_002415 /gi=4505184 /ug=Hs.407995 /len=561	NM_002415	Hs.407995	NP_002406
5639	0.008697	mitogen-activated protein kinase 7 (MAPK7), transcript variant 1, mRNA /cds=(355,2805) /gb=NM_139033 /gi=20986500 /ug=Hs.3080 /len=3113	NM_139033	Hs.3080	NP_620603
5644	0.003712	integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12) (ITGB1), transcript variant 1A, mRNA /cds=(127,2523) /gb=NM_002211 /gi=19743812 /ug=Hs.287797 /len=3700	NM_002211	Hs.287797	NP_596867
5654	0.042212	Tis11d	U07802		
5655	0.0068	clone MGC:43116 IMAGE:5260824, mRNA, complete cds /cds=(13,2859) /gb=BC038670 /gi=24217448 /ug=Hs.98508 /len=3268	BC038670	Hs.98508	NP_055932
5662	0.009055	collagen, type XV, alpha 1 (COL15A1), mRNA /cds=(166,4332) /gb=NM_001855 /gi=18641349 /ug=Hs.83164 /len=5222	NM_001855	Hs.83164	NP_001846
5666	0.023151	KNP-Ia (=U53007 GT335)	D86061		NP_004640
5718	0.034784	ribosomal protein L14 (RPL14), mRNA /cds=(38,688) /gb=NM_003973 /gi=16753224 /ug=Hs.235422 /len=843	NM_003973	Hs.235422	NP_003964
5723	0.04496	cytoskeleton-associated protein 4 (CKAP4), mRNA /cds=(85,1893) /gb=NM_006825 /gi=19920316 /ug=Hs.74368 /len=2913	NM_006825	Hs.74368	NP_006816
5749	0.034784	up-regulated gene 4 (URG4), mRNA /cds=(14,2782) /gb=NM_017920 /gi=19923541 /ug=Hs.5131 /len=3606	NM_017920	Hs.5131	NP_060390
5769	0.018694	cDNA: FLJ21561 fis, clone COL06415. /gb=AK025214 /gi=10437681 /ug=Hs.96918 /len=1641	AK025214	Hs.96918	
5789	0.012883	ribosomal protein L31 (RPL31), mRNA /cds=(28,405) /gb=NM_000993 /gi=15812219 /ug=Hs.184014 /len=442	NM_000993	Hs.184014	NP_000984

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
5794	0.010203	xd87d05.x1 Soares_NFL_T_GBC_S1 cDNA clone IMAGE:2604585 3', mRNA sequence /clone=IMAGE:2604585 /clone_end=3' /gb=AW104522 /gi=6075257 /ug=Hs.230403 /len=459	AW104522	Hs.230403	
5814	0.003097	ribosomal protein L36a-like (RPL36AL), mRNA /cds=(95,415) /gb=NM_001001 /gi=16306559 /ug=Hs.419465 /len=537	NM_001001	Hs.419465	NP_000992
5826	0.018694	ribosomal protein L13a (RPL13A), mRNA /cds=(23,634) /gb=NM_012423 /gi=14591905 /ug=Hs.389335 /len=1142	NM_012423	Hs.389335	NP_036555
5861	0.005746	mRNA for KIAA0338 gene, partial cds. /cds=(1,2807) /gb=AB002336 /gi=2224616 /ug=Hs.26395 /len=6263	AB002336	Hs.26395	NP_818932
5876	0.01738	COX15 cytochrome c oxidase assembly protein (yeast) (COX15), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA /cds=(52,1218) /gb=NM_004376 /gi=17921986 /ug=Hs.226581 /len=2841	NM_004376	Hs.226581	NP_510870
5900	0.006254	DCHT (=AF030403 Ste20-like protein kinase)	AF017635		NP_037365
5901	0.001304	lipin 1 (LPIN1), mRNA /cds=(68,2740) /gb=NM_145693 /gi=22027647 /ug=Hs.81412 /len=5363	NM_145693	Hs.81412	NP_663731
5905	0.039603	protein phosphatase 2 (formerly 2A), regulatory subunit B", alpha (PPP2R3A), mRNA /cds=(505,3957) /gb=NM_002718 /gi=19923228 /ug=Hs.28219 /len=5217	NM_002718	Hs.28219	NP_002709
5914	0.011929	ribosomal protein S20 (RPS20), mRNA /cds=(128,487) /gb=NM_001023 /gi=14591915 /ug=Hs.8102 /len=539	NM_001023	Hs.8102	NP_001014
5915	0.004059	SH3-domain binding protein 5 (BTK-associated) (SH3BP5), mRNA /cds=(64,1341) /gb=NM_004844 /gi=4759057 /ug=Hs.109150 /len=2570	NM_004844	Hs.109150	NP_004835
5928	0.005746	ubiquitin-conjugating enzyme E2B (RAD6) (UBE2B), mRNA /cds=(422,880) /gb=NM_003337 /gi=4507770 /ug=Hs.811 /len=2591	NM_003337	Hs.811	NP_003328
5937	0.042212	mitogen-activated protein kinase 9 (MAPK9), transcript variant 3, mRNA /cds=(50,1198) /gb=NM_139069 /gi=21237741 /ug=Hs.246857 /len=1947	NM_139069	Hs.246857	NP_620709

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
6001	0.037129	KIAA0441 gene product (KIAA0441), mRNA /cds=(169,2262) /gb=NM_014797 /gi=7662127 /ug=Hs.32511 /len=5597	NM_014797	Hs.32511	NP_055612
6006	0.008697	ribosomal protein L23a (RPL23A), mRNA /cds=(22,492) /gb=NM_000984 /gi=17105393 /ug=Hs.419463 /len=546	NM_000984	Hs.419463	NP_000975
6026	0.024824	fibromodulin (FMOD), mRNA /cds=(21,1151) /gb=NM_002023 /gi=5016093 /ug=Hs.230 /len=2863	NM_002023	Hs.230	NP_002014
6042	0.028474	laminin, gamma 1 (formerly LAMB2) (LAMC1), mRNA /cds=(300,5129) /gb=NM_002293 /gi=9845497 /ug=Hs.432855 /len=7923	NM_002293	Hs.432855	NP_002284
6049	0.003097	chromobox 1 (HP1 beta Drosophila) (CBX1), mRNA /cds=(292,849) /gb=NM_006807 /gi=21359877 /ug=Hs.77254 /len=2242	NM_006807	Hs.77254	NP_006798
6052	0.010203	thioredoxin (TXN), mRNA /cds=(64,381) /gb=NM_003329 /gi=4507744 /ug=Hs.432922 /len=501	NM_003329	Hs.432922	NP_003320
6071	0.034784	hook3 protein (HOOK3), mRNA /cds=(164,2320) /gb=NM_032410 /gi=14165273 /ug=Hs.130707 /len=2648	NM_032410	Hs.130707	NP_115786
6090	0.004838	galactose-1-phosphate uridylyltransferase (GALT), transcript variant 2, mRNA /cds=(68,448) /gb=NM_147131 /gi=22165417 /ug=Hs.75641 /len=2603	NM_147131	Hs.75641	NP_667343
6095	0.002342	immediate early protein (ETR101), mRNA /cds=(101,772) /gb=NM_004907 /gi=4758313 /ug=Hs.737 /len=1811	NM_004907	Hs.737	NP_004898
6096	0.001935	neuroblastoma RAS viral (v-ras) oncogene (NRAS), mRNA /cds=(254,823) /gb=NM_002524 /gi=6006027 /ug=Hs.260523 /len=1963	NM_002524	Hs.260523	NP_002515
6102	0.021575	homer 2 (Drosophila) (HOMER2), mRNA /cds=(1,1065) /gb=NM_004839 /gi=4758547 /ug=Hs.93564 /len=1800	NM_004839	Hs.93564	NP_004830
6106	0.039603	EST (ym17h04.s1 clone 48282 3')	H11657		
6146	0.034784	mitochondrial precursor receptor (=D13641 Human KIAA0016)	D63411		
6150	0.002342	poly(rC) binding protein 1 (PCBP1), mRNA /cds=(178,1248) /gb=NM_006196 /gi=14141164 /ug=Hs.2853 /len=1634	NM_006196	Hs.2853	NP_006187

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
6183	0.034784	actin related protein 2/3 complex, subunit 1B, 41kDa (ARPC1B), mRNA /cds=(90,1208) /gb=NM_005720 /gi=22907055 /ug=Hs.433506 /len=1520	NM_005720	Hs.433506	NP_005711
6192	0.037129	TNFAIP3 interacting protein 1 (TNIP1), mRNA /cds=(258,2168) /gb=NM_006058 /gi=21361267 /ug=Hs.109281 /len=2921	NM_006058	Hs.109281	NP_006049
6195	0.024048	myoM [Dictyostelium discoideum](38%ORF)	AB017910		
6239	0.028474	Similar to RD RNA-binding protein, clone MGC:2263 IMAGE:3050953, mRNA, complete cds /cds=(34,1035) /gb=BC011600 /gi=15079543 /ug=Hs.356818 /len=2478	BC011600	Hs.356818	
6248	0.001064	tumor differentially expressed 1 (TDE1), mRNA /cds=(78,1499) /gb=NM_006811 /gi=5803192 /ug=Hs.272168 /len=1892	NM_006811	Hs.272168	NP_006802
6272	0.047854	cDNA, 5' end /clone=IMAGE:4148900 /clone_end=5' /gb=BF342391 /gi=11289392 /ug=Hs.30469 /len=803	BF342391	Hs.30469	NP_055313
6275	0.008697	hypothetical protein FLJ20432 (FLJ20432), mRNA /cds=(603,1361) /gb=NM_017819 /gi=8923404 /ug=Hs.57898 /len=1654	NM_017819	Hs.57898	NP_060289
6337	0.005746	adaptor-related protein complex 2, mu 1 subunit (AP2M1), mRNA /cds=(136,1443) /gb=NM_004068 /gi=14917108 /ug=Hs.152936 /len=1936	NM_004068	Hs.152936	NP_004059
6391	0.002467	GABA(A) receptor-associated protein like 1 (GABARAPL1), mRNA /cds=(282,635) /gb=NM_031412 /gi=13899218 /ug=Hs.336429 /len=1933	NM_031412	Hs.336429	NP_113600
6409	0.034784	protein phosphatase 2 (formerly 2A), catalytic subunit, alpha isoform (PPP2CA), mRNA /cds=(210,1139) /gb=NM_002715 /gi=4506016 /ug=Hs.91773 /len=2181	NM_002715	Hs.91773	NP_002706
6422	0.032563	soc-2 suppressor of clear (C. elegans) (SHOC2), mRNA /cds=(278,2026) /gb=NM_007373 /gi=6677944 /ug=Hs.104315 /len=3872	NM_007373	Hs.104315	NP_031399
6428	0.007388	serologically defined colon cancer antigen 1 (SDCCAG1), mRNA /cds=(183,1271) /gb=NM_004713 /gi=4759077 /ug=Hs.388584 /len=2078	NM_004713	Hs.388584	NP_004704

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
6439	0.037129	protein phosphatase 1, catalytic subunit, beta isoform (PPP1CB), mRNA /cds=(259,1242) /gb=NM_002709 /gi=4506004 /ug=Hs.21537 /len=3590	NM_002709	Hs.21537	NP_002700
6442	0.037129	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3 (PFKFB3), mRNA /cds=(115,1677) /gb=NM_004566 /gi=4758899 /ug=Hs.195471 /len=4322	NM_004566	Hs.195471	NP_004557
6446	0.018694	CAR (RFP2) gene, complete cds; DLEU2 and DLEU1 genes, complete sequence; and RPL18 and p48/Hip pseudogenes, complete sequence	AF279660		
6461	0.001179	zinc finger protein 175 (ZNF175), mRNA /cds=(346,2481) /gb=NM_007147 /gi=6005969 /ug=Hs.119014 /len=3734	NM_007147	Hs.119014	NP_009078
6465	0.04496	KIAA0761 protein, partial cds	AB018304		NP_055942
6468	0.04496	reverse transcriptase related protein	1207289A		1207289A
6471	0.018694	hydroxysteroid (11-beta) dehydrogenase 1 (HSD11B1), mRNA /cds=(95,973) /gb=NM_005525 /gi=5031764 /ug=Hs.275215 /len=1375	NM_005525	Hs.275215	NP_005516
6478	0.023151	I-kappa-B-interacting Ras-like protein 1 (KBRAS1), mRNA	XM_053030		
6488	0.028474	oncostatin M receptor (OSMR), mRNA /cds=(368,3307) /gb=NM_003999 /gi=4557039 /ug=Hs.238648 /len=4171	NM_003999	Hs.238648	NP_003990
6513	0.023151	uncharacterized hematopoietic stem/progenitor cells protein MDS029 (MDS029), mRNA /cds=(112,438) /gb=NM_018464 /gi=8923929 /ug=Hs.43549 /len=636	NM_018464	Hs.43549	NP_060934
6514	0.023151	cDNA FLJ11796 fis, clone HEMBA1006158, highly similar to transcription factor forkhead-like 7 (FKHL7) gene. /gb=AK021858 /gi=10433135 /ug=Hs.284186 /len=1551	AK021858	Hs.284186	
6525	0.024824	cyclin I (CCNI), mRNA /cds=(545,1678) /gb=NM_006835 /gi=17738314 /ug=Hs.79933 /len=1890	NM_006835	Hs.79933	NP_006826
6527	0.042212	hypothetical protein (HSPC016), mRNA /cds=(39,233) /gb=NM_015933 /gi=7705430 /ug=Hs.397853 /len=384	NM_015933	Hs.397853	NP_057017
6540	0.042212	LIM and SH3 protein 1 (LASP1), mRNA /cds=(76,861) /gb=NM_006148 /gi=5453709 /ug=Hs.334851 /len=3846	NM_006148	Hs.334851	NP_006139

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
6550	0.04496	t-complex-associated-testis-expressed 1-like 1 (TCTEL1), mRNA /cds=(1,342) /gb=NM_006519 /gi=5730084 /ug=Hs.266940 /len=713	NM_006519	Hs.266940	NP_006510
6554	0.032563	mitochondrial ribosomal protein L13 (MRPL13), nuclear gene encoding mitochondrial protein, mRNA /cds=(287,823) /gb=NM_014078 /gi=21265072 /ug=Hs.333823 /len=1086	NM_014078	Hs.333823	NP_054797
6563	0.042212	cytochrome c oxidase subunit Va (COX5A), nuclear gene encoding mitochondrial protein, mRNA /cds=(18,470) /gb=NM_004255 /gi=17017986 /ug=Hs.323834 /len=645	NM_004255	Hs.323834	NP_004246
6565	0.032563	PTK9 protein tyrosine kinase 9 (PTK9), mRNA /cds=(61,1113) /gb=NM_002822 /gi=4506274 /ug=Hs.82643 /len=3000	NM_002822	Hs.82643	NP_002813
6566	0.01738	RAB11A, member RAS oncogene family (RAB11A), mRNA /cds=(104,754) /gb=NM_004663 /gi=20149549 /ug=Hs.75618 /len=2474	NM_004663	Hs.75618	NP_004654
6590	0.04496	mRNA for KIAA0981 protein, partial cds. /cds=(1,1738) /gb=AB023198 /gi=4589605 /ug=Hs.158135 /len=5182	AB023198	Hs.158135	
6592	0.032563	methylenetetrahydrofolate dehydrogenase (NAD dependent), methenyltetrahydrofolate cyclohydrolase (MTHFD2), nuclear gene encoding mitochondrial protein, mRNA /cds=(77,1111) /gb=NM_006636 /gi=13699869 /ug=Hs.154672 /len=2154	NM_006636	Hs.154672	NP_006627
6646	0.004433	protein phosphatase 1, regulatory (inhibitor) subunit 12A (PPP1R12A), mRNA /cds=(1,3093) /gb=NM_002480 /gi=4505316 /ug=Hs.16533 /len=4613	NM_002480	Hs.16533	NP_002471
6654	0.04496	pM5 protein (PM5), mRNA /cds=(1,3669) /gb=NM_014287 /gi=10947030 /ug=Hs.439182 /len=4182	NM_014287	Hs.439182	NP_055102
6659	0.009424	heat shock 70kDa protein 8 (HSPA8), transcript variant 1, mRNA /cds=(79,2019) /gb=NM_006597 /gi=24234684 /ug=Hs.180414 /len=2276	NM_006597	Hs.180414	NP_694881
6664	0.011929	H4 histone family, member G (H4FG), mRNA /cds=(1,312) /gb=NM_003542 /gi=21071024 /ug=Hs.46423 /len=390	NM_003542	Hs.46423	NP_003533

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
6673	0.004059	cAMP responsive element binding protein 3 (human) (CREB3), mRNA /cds=(439,1554) /gb=NM_006368 /gi=22219461 /ug=Hs.287921 /len=1837	NM_006368	Hs.287921	NP_006359
6683	0.004433	lamin A/C (LMNA), transcript variant 1, mRNA /cds=(213,2207) /gb=NM_170707 /gi=27436945 /ug=Hs.377973 /len=3181	NM_170707	Hs.377973	NP_733822
6708	0.026596	erythroid differentiation-related factor 1	AF040247		
6713	0.004433	cDNA FLJ23648 fis, clone COL04718. /gb=AK074228 /gi=18676772 /ug=Hs.375782 /len=2295	AK074228	Hs.375782	
6749	0.01738	histidyl-tRNA synthetase 2 (HARS2), mRNA /cds=(111,752) /gb=NM_080820 /gi=21361784 /ug=Hs.352419 /len=2396	NM_080820	Hs.352419	NP_543010
6750	0.021575	ADP-ribosylation-like factor 6 interacting protein 4 (ARL6IP4), mRNA /cds=(63,719) /gb=NM_016638 /gi=7706183 /ug=Hs.103561 /len=952	NM_016638	Hs.103561	NP_061164
6752	0.037129	tumor endothelial marker 6 (TEM6), mRNA /cds=(93,3710) /gb=NM_022748 /gi=17511208 /ug=Hs.12210 /len=6702	NM_022748	Hs.12210	NP_073585
6770	0.021575	FK506 binding protein 1A, 12kDa (FKBP1A), transcript variant 12B, mRNA /cds=(104,430) /gb=NM_000801 /gi=17149837 /ug=Hs.380080 /len=1578	NM_000801	Hs.380080	NP_463460
6773	0.024824	hypothetical protein FLJ14834 (FLJ14834), mRNA /cds=(326,1237) /gb=NM_032849 /gi=21361885 /ug=Hs.62905 /len=2342	NM_032849	Hs.62905	NP_116238
6800	0.030461	tumor necrosis factor, alpha-induced protein 1 (endothelial) (TNFAIP1), mRNA /cds=(212,1162) /gb=NM_021137 /gi=26051238 /ug=Hs.76090 /len=3571	NM_021137	Hs.76090	NP_066960
6809	0.030461	eukaryotic translation initiation factor 4A, isoform 2 (EIF4A2), mRNA /cds=(16,1239) /gb=NM_001967 /gi=9945313 /ug=Hs.173912 /len=1864	NM_001967	Hs.173912	NP_001958
6811	0.026596	pleckstrin domain interacting protein (PHIP), mRNA /cds=(306,2429) /gb=NM_017934 /gi=20149647 /ug=Hs.10177 /len=2573	NM_017934	Hs.10177	NP_060404

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
6873	0.01738	coated vesicle membrane protein (RNP24), mRNA /cds=(24,629) /gb=NM_006815 /gi=21314646 /ug=Hs.75914 /len=2060	NM_006815	Hs.75914	NP_006806
6875	0.012883	cDNA FLJ12924 fis, clone NT2RP2004709. /gb=AK022986 /gi=10434694 /ug=Hs.38034 /len=2667	AK022986	Hs.38034	
6880	0.004059	cytochrome c oxidase subunit VIIa polypeptide 1 (muscle) (COX7A1), nuclear gene encoding mitochondrial protein, mRNA /cds=(463,702) /gb=NM_001864 /gi=18105034 /ug=Hs.421621 /len=783	NM_001864	Hs.421621	NP_001855
6889	0.003712	clone MGC:9929 IMAGE:3873001, mRNA, complete cds /cds=(142,3333) /gb=BC040341 /gi=25955484 /ug=Hs.314169 /len=5328	BC040341	Hs.314169	
6911	0.026596	metaxin 1 (MTX1), mRNA /cds=(1,954) /gb=NM_002455 /gi=4505280 /ug=Hs.247551 /len=1065	NM_002455	Hs.247551	NP_002446
6920	0.021575	thioredoxin (TXN), mRNA /cds=(64,381) /gb=NM_003329 /gi=4507744 /ug=Hs.432922 /len=501	NM_003329	Hs.432922	NP_003320
6935	0.003712	FtsJ 3 (E. coli) (FTSJ3), mRNA /cds=(72,2615) /gb=NM_017647 /gi=17017990 /ug=Hs.257486 /len=2999	NM_017647	Hs.257486	NP_060117
6942	0.030461	eukaryotic translation elongation factor 1 alpha 1 (EEF1A1), mRNA /cds=(63,1451) /gb=NM_001402 /gi=25453469 /ug=Hs.422118 /len=1837	NM_001402	Hs.422118	NP_001393
6954	0.011037	phospholipid transfer protein (PLTP), mRNA /cds=(88,1569) /gb=NM_006227 /gi=5453913 /ug=Hs.283007 /len=1750	NM_006227	Hs.283007	NP_006218
6958	0.032563	origin recognition complex, subunit 5-like (yeast) (ORC5L), mRNA /cds=(89,1396) /gb=NM_002553 /gi=4505524 /ug=Hs.153138 /len=1901	NM_002553	Hs.153138	NP_002544
6973	0.010203	mRNA; cDNA DKFZp313P0434 (from clone DKFZp313P0434) /gb=AL832702 /gi=21733281 /ug=Hs.125019 /len=2995	AL832702	Hs.125019	
7004	0.026596	FLJ30431 fis, clone BRACE2008968, highly similar to RAS-RELATED C3 BOTULINUM TOXIN SUBSTRATE 1 /cds=UNKNOWN /gb=AK054993 /gi=16549633 /ug=Hs.173737 /len=2315	AK054993	Hs.173737	NP_061485

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
7022	0.013901	ribosomal protein S29 (RPS29), mRNA /cds=(31,201) /gb=NM_001032 /gi=13904868 /ug=Hs.539 /len=346	NM_001032	Hs.539	NP_001023
7023	0.01738	activated RNA polymerase II transcription cofactor 4 (PC4), mRNA /cds=(57,440) /gb=NM_006713 /gi=19923783 /ug=Hs.349506 /len=1336	NM_006713	Hs.349506	NP_006704
7025	0.037129	PKU-beta (=D50927 KIAA0137)	AB004885		
7026	0.028474	density-regulated protein (DENR), mRNA /cds=(111,707) /gb=NM_003677 /gi=27501445 /ug=Hs.22393 /len=2766	NM_003677	Hs.22393	NP_003668
7043	0.039603	platelet-activating factor acetylhydrolase, isoform Ib, alpha subunit 45kDa (PAFAH1B1), mRNA /cds=(556,1788) /gb=NM_000430 /gi=6031206 /ug=Hs.77318 /len=5581	NM_000430	Hs.77318	NP_000421
7050	0.037129	cyclin D-type binding-protein 1 (CCNDBP1), transcript variant 1, mRNA /cds=(158,1240) /gb=NM_012142 /gi=16554565 /ug=Hs.36794 /len=1615	NM_012142	Hs.36794	NP_411241
7099	0.011929	cell division cycle 42 (GTP binding protein, 25kDa) (CDC42), transcript variant 1, mRNA /cds=(105,680) /gb=NM_001791 /gi=16357470 /ug=Hs.146409 /len=2183	NM_001791	Hs.146409	NP_426359
7107	0.023151	ectonucleotide pyrophosphatase/phosphodiesterase 4 (putative function) (ENPP4), mRNA /cds=(49,1410) /gb=NM_014936 /gi=7662357 /ug=Hs.54037 /len=4312	NM_014936	Hs.54037	NP_055751
7109	0.04496	hypothetical protein (KIAA1102)	AB029025		
7111	0.01738	hypothetical protein LOC51234 (LOC51234), mRNA /cds=(72,623) /gb=NM_016454 /gi=24475963 /ug=Hs.250905 /len=1013	NM_016454	Hs.250905	NP_057538
7126	0.039603	ribosomal protein S18 (RPS18), mRNA /cds=(46,504) /gb=NM_022551 /gi=14165467 /ug=Hs.275865 /len=549	NM_022551	Hs.275865	NP_072045
7141	0.011929	ELK1, member of ETS oncogene family (ELK1), mRNA /cds=(234,1520) /gb=NM_005229 /gi=11496880 /ug=Hs.181128 /len=2828	NM_005229	Hs.181128	NP_005220

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
7147	0.042212	UI-1-BB1p-aki-h-05-0-UI.s1 NCI_CGAP_PI6 cDNA clone UI-1-BB1p-aki-h-05-0-UI 3', mRNA sequence /clone=UI-1-BB1p-aki-h-05-0-UI /clone_end=3' /gb=BQ022477 /gi=19757756 /ug=Hs.424771 /len=1598	BQ022477	Hs.424771	
7166	0.012883	transducer of ERBB2, 1 (TOB1), mRNA /cds=(36,1073) /gb=NM_005749 /gi=22035666 /ug=Hs.178137 /len=1830	NM_005749	Hs.178137	NP_005740
7175	0.026596	AGENCOURT_6853421 NIH_MGC_99 cDNA clone IMAGE:5926418 5', mRNA sequence /clone=IMAGE:5926418 /clone_end=5' /gb=BQ064669 /gi=19893520 /ug=Hs.380699 /len=969	BQ064669	Hs.380699	
7178	0.023151	supervillin (SVIL), transcript variant 2, mRNA /cds=(754,7398) /gb=NM_021738 /gi=11496981 /ug=Hs.154567 /len=8300	NM_021738	Hs.154567	NP_068506
7184	0.009424	nucleosome assembly protein 1-like 1 (NAP1L1), transcript variant 1, mRNA /cds=(125,1300) /gb=NM_139207 /gi=21327707 /ug=Hs.302649 /len=3582	NM_139207	Hs.302649	NP_631946
7210	0.009424	dodecenoyl-Coenzyme A delta isomerase (3,2 trans-enoyl-Coenzyme A isomerase) (DCI), mRNA /cds=(9,917) /gb=NM_001919 /gi=4503266 /ug=Hs.403436 /len=1017	NM_001919	Hs.403436	NP_001910
7235	0.001442	SOCS box-containing WD protein SWiP- 1 (WSB1), transcript variant 3, mRNA /cds=(317,1051) /gb=NM_134264 /gi=20143909 /ug=Hs.187991 /len=4243	NM_134264	Hs.187991	NP_599027
7288	0.028474	KIAA0800 gene product (KIAA0800), mRNA /cds=(169,4692) /gb=NM_014703 /gi=7662315 /ug=Hs.118738 /len=5984	NM_014703	Hs.118738	NP_055518
7306	0.009424	golgi autoantigen, golgin subfamily b, macrogolgin (with transmembrane signal), 1 (GOLGB1), mRNA /cds=(127,9906) /gb=NM_004487 /gi=4758453 /ug=Hs.7844 /len=10300	NM_004487	Hs.7844	NP_004478
7313	0.011929	translocation protein 1 (TLOC1), mRNA /cds=(613,1812) /gb=NM_003262 /gi=14602425 /ug=Hs.8146 /len=3091	NM_003262	Hs.8146	NP_003253

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
7314	0.014988	chromosome 11 open reading frame 10 (C11orf10), mRNA /cds=(56,295) /gb=NM_014206 /gi=7656933 /ug=Hs.90918 /len=418	NM_014206	Hs.90918	NP_055021
7316	0.013901	integral membrane protein 2B (ITM2B), mRNA /cds=(171,971) /gb=NM_021999 /gi=11527401 /ug=Hs.239625 /len=1843	NM_021999	Hs.239625	NP_068839
7332	0.024824	a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 1 (ADAMTS1), mRNA /cds=(294,3146) /gb=NM_006988 /gi=11038653 /ug=Hs.8230 /len=4459	NM_006988	Hs.8230	NP_008919
7342	0.011929	KIAA0874 protein (KIAA0874), mRNA /cds=(1,6189) /gb=NM_015208 /gi=14140237 /ug=Hs.27973 /len=6189	NM_015208	Hs.27973	NP_056023
7349	0.002342	dermatopontin (DPT), mRNA /cds=(7,612) /gb=NM_001937 /gi=4755134 /ug=Hs.80552 /len=717	NM_001937	Hs.80552	NP_001928
7350	0.013901	UI-H-DH0-aui-p-19-0-UI.s1 NCI_CGAP_DH0 cDNA clone IMAGE:5871234 3', mRNA sequence /clone=IMAGE:5871234 /clone_end=3' /gb=BM994422 /gi=19719323 /ug=Hs.289721 /len=2081	BM994422	Hs.289721	
7351	0.047854	replication protein A3, 14kDa (RPA3), mRNA /cds=(1182,1547) /gb=NM_002947 /gi=19923751 /ug=Hs.1608 /len=1622	NM_002947	Hs.1608	NP_002938
7359	7.78E-04	hypothetical protein BC009925 (LOC113246), mRNA /cds=(92,472) /gb=NM_138425 /gi=19923950 /ug=Hs.405913 /len=583	NM_138425	Hs.405913	NP_612434
7361	0.016146	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4 (SMARCA4), mRNA /cds=(277,5220) /gb=NM_003072 /gi=21071055 /ug=Hs.78202 /len=5681	NM_003072	Hs.78202	NP_003063
7387	0.032261	ribosomal protein L4 (RPL4), mRNA /cds=(57,1340) /gb=NM_000968 /gi=16579884 /ug=Hs.286 /len=1449	NM_000968	Hs.286	NP_000959
7390	0.028474	peptidylprolyl isomerase A (cyclophilin A) (PPIA), mRNA /cds=(45,542) /gb=NM_021130 /gi=10863926 /ug=Hs.401787 /len=753	NM_021130	Hs.401787	NP_066953

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
7431	0.01738	ionized calcium binding adapter molecule 2 (IBA2), mRNA /cds=(89,541) /gb=NM_031426 /gi=13899240 /ug=Hs.4944 /len=3381	NM_031426	Hs.4944	NP_113614
7439	0.024824	pleiotrophin (heparin binding growth factor 8, neurite growth-promoting factor 1) (PTN), mRNA /cds=(396,902) /gb=NM_002825 /gi=27552761 /ug=Hs.44 /len=1029	NM_002825	Hs.44	NP_002816
7452	0.042212	hypothetical protein PRO1051 (PRO1051), mRNA /cds=(755,1003) /gb=NM_018572 /gi=8924004 /ug=Hs.326548 /len=1393	NM_018572	Hs.326548	NP_061042
7463	0.030461	early growth response 1 (EGR1), mRNA /cds=(271,1902) /gb=NM_001964 /gi=4503492 /ug=Hs.326035 /len=3132	NM_001964	Hs.326035	NP_001955
7464	0.047854	collagen, type XVIII, alpha 1 (COL18A1), transcript variant 1, mRNA /cds=(22,4572) /gb=NM_030582 /gi=18765744 /ug=Hs.78409 /len=5910	NM_030582	Hs.78409	NP_569712
7492	0.004433	ni59g06.s1 NCI_CGAP_Ov2 cDNA clone IMAGE:981178 similar to contains Alu repetitive element; mRNA sequence /clone=IMAGE:981178 /gb=AA526325 /gi=2268394 /ug=Hs.404464 /len=503	AA526325	Hs.404464	
7508	0.030461	mRNA for RCC1-like protein (TD-60 gene) /cds=(236,1804) /gb=AJ421269 /gi=27526612 /ug=Hs.284146 /len=4114	AJ421269	Hs.284146	NP_061185
7515	0.021575	FLJ11708 fis, clone HEMBA1005123	AK021770		NP_803882
7547	0.030461	lipase, hormone-sensitive (LIPE), mRNA /cds=(278,3508) /gb=NM_005357 /gi=21328445 /ug=Hs.95351 /len=3806	NM_005357	Hs.95351	NP_005348
7548	0.001756	methionine adenosyltransferase II, beta (MAT2B), mRNA /cds=(73,1077) /gb=NM_013283 /gi=20127525 /ug=Hs.54642 /len=2054	NM_013283	Hs.54642	NP_037415
7551	0.047854	hypothetical protein FLJ11021 similar to splicing factor, arginine/serine-rich 4 (FLJ11021), mRNA /cds=(767,1375) /gb=NM_023012 /gi=20127619 /ug=Hs.81648 /len=1878	NM_023012	Hs.81648	NP_075388

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
7564	0.012883	paired basic amino acid cleaving system 4 (PACE4), transcript variant 1, mRNA /cds=(315,3224) /gb=NM_002570 /gi=20336178 /ug=Hs.170414 /len=4553	NM_002570	Hs.170414	NP_612198
7584	0.039603	hypothetical protein FLJ10307 (FLJ10307), mRNA /cds=(78,1265) /gb=NM_018053 /gi=24431976 /ug=Hs.55024 /len=2179	NM_018053	Hs.55024	NP_060523
7587	0.037129	XPA binding protein 1; putative ATP(GTP)-binding protein (NTPBP), mRNA /cds=(25,1149) /gb=NM_007266 /gi=14149628 /ug=Hs.18259 /len=1829	NM_007266	Hs.18259	NP_009197
7604	0.024824	ATP-binding cassette, sub-family C (CFTR/MRP), member 1 (ABCC1), transcript variant 1, mRNA /cds=(197,4792) /gb=NM_004996 /gi=9955961 /ug=Hs.89433 /len=5927	NM_004996	Hs.89433	NP_063957
7608	0.004059	VW45 protein (VW45), mRNA /cds=(339,1490) /gb=NM_021818 /gi=18860913 /ug=Hs.288906 /len=3031	NM_021818	Hs.288906	NP_068590
7619	0.014988	mannosidase, alpha, class 1A, member 1 (MAN1A1), mRNA /cds=(443,2404) /gb=NM_005907 /gi=24497518 /ug=Hs.25253 /len=4139	NM_005907	Hs.25253	NP_005898
7663	0.018694	cDNA FLJ10131 fis, clone HEMBA1003041. /gb=AK000993 /gi=7021996 /ug=Hs.274128 /len=2065	AK000993	Hs.274128	
7665	0.024824	putative 28 kDa protein (LOC56902), mRNA /cds=(21,779) /gb=NM_020143 /gi=10047139 /ug=Hs.193384 /len=1194	NM_020143	Hs.193384	NP_064528
7666	0.042212	FLJ14102 fis, clone MAMMA1000940 /cds=UNKNOWN /gb=AK024164 /gi=10436477 /ug=Hs.301811 /len=1878	AK024164	Hs.301811	
7668	0.005275	mitogen-activated protein kinase kinase 1 interacting protein 1 (MAP2K1IP1), mRNA /cds=(250,624) /gb=NM_021970 /gi=21614526 /ug=Hs.6361 /len=1416	NM_021970	Hs.6361	NP_068805
7691	0.039603	hypothetical protein FLJ10498 (FLJ10498), mRNA /cds=(37,1920) /gb=NM_018115 /gi=8922466 /ug=Hs.109045 /len=2755	NM_018115	Hs.109045	NP_060585
7697	0.04496	thioredoxin interacting protein (TXNIP), mRNA /cds=(222,1397) /gb=NM_006472 /gi=5454161 /ug=Hs.179526 /len=2704	NM_006472	Hs.179526	NP_006463

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
7698	0.030461	CGG triplet repeat binding protein 1 (CGGBP1), mRNA /cds=(357,863) /gb=NM_003663 /gi=21361098 /ug=Hs.86041 /len=4279	NM_003663	Hs.86041	NP_003654
7716	0.047854	IFNAR gene (HSIFNAR) for interferon alpha/beta receptor	X60459		
7722	0.012883	Similar to hypothetical protein MGC4707, clone MGC:19860 IMAGE:3349493, mRNA, complete cds /cds=(38,1051) /gb=BC013988 /gi=15559264 /ug=Hs.348323 /len=1684	BC013988	Hs.348323	
7726	0.030461	UI-H-DF1-auj-l-12-0-UI.s1 NCI_CGAP_DF1 cDNA clone IMAGE:5870363 3', mRNA sequence /clone=IMAGE:5870363 /clone_end=3' /gb=BM991698 /gi=19711087 /ug=Hs.355489 /len=1105	BM991698	Hs.355489	
7728	0.013901	Down syndrome critical region gene 5 (DSCR5), transcript variant 3, mRNA /cds=(342,668) /gb=NM_016430 /gi=24497594 /ug=Hs.408790 /len=875	NM_016430	Hs.408790	NP_710149
7729	0.011929	protein phosphatase 1, regulatory (inhibitor) subunit 2 (PPP1R2), mRNA /cds=(235,852) /gb=NM_006241 /gi=19923357 /ug=Hs.267819 /len=3355	NM_006241	Hs.267819	NP_006232
7746	0.021575	PHD finger protein 3 (PHF3), mRNA /cds=(28,6147) /gb=NM_015153 /gi=7662017 /ug=Hs.78893 /len=6948	NM_015153	Hs.78893	NP_055968
7775	0.023151	fibronectin gene ED-A region	X07718		
7789	0.007388	EST (DKFZp564A043 clone DKFZp564A043)	AL050007		
7825	0.030461	retinol dehydrogenase 14 (all-trans and 9-cis) (RDH14), mRNA /cds=(64,1074) /gb=NM_020905 /gi=10190745 /ug=Hs.288880 /len=1538	NM_020905	Hs.288880	NP_065956
7828	0.047854	BX101939 Soares infant brain 1NIB cDNA clone IMAGp998C11163, mRNA sequence /clone=IMAGp998C11163; IMAGE:36364 /gb=BX101939 /gi=27831516 /ug=Hs.269499 /len=493	BX101939	Hs.269499	
7835	0.032563	EST (wr43e11.x1 NCI_CGAP_Pr28 IMAGE:2490476 3')	AI972789		
7843	0.013901	EST(qu23h09.x1 NCI_CGAP_Br12 clone IMAGE:1965665 contains Alu repeat)	AI284640		

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
7851	0.039603	capillary morphogenesis protein 2 (CMG2), mRNA /cds=(46,783) /gb=NM_058172 /gi=17158002 /ug=Hs.5897 /len=2026	NM_058172	Hs.5897	NP_477520
7854	0.014988	EST fetal brain (TFujiwara) Human sapiens cDNA clone GEN-425D02 5'	D81944		NP_079215
7855	0.04496	EST(tz31e10.x1 NCI_CGAP_Ut2 cDNA clone IMAGE:2290218 3')	AI630897		NP_008993
7857	0.001935	EST(PM4-SN0016-030400-002-c05 SN0016)	AW864432		
7869	0.01738	hypothetical protein FLJ20534 (FLJ20534), mRNA /cds=(21,1061) /gb=NM_017867 /gi=8923502 /ug=Hs.44344 /len=1188	NM_017867	Hs.44344	NP_060337
7886	0.002824	EST(zv79f07.s1 Soares total fetus Nb2HF8 9w clone 759877 3')	AA423871		
7895	0.012883	EST(zw54g08.r1 Soares_total_fetus_Nb2HF8_9w clone IMAGE:773918 5' contains Alu and MER22 repeat)	AA463590		
7902	0.042212	cDNA FLJ40622 fis, clone THYMU2013779. /gb=AK097941 /gi=21757847 /ug=Hs.374352 /len=1754	AK097941	Hs.374352	
7903	0.04496	mRNA for KIAA1965 protein. /cds=(1,1699) /gb=AB075845 /gi=18916817 /ug=Hs.71730 /len=4299	AB075845	Hs.71730	
7927	0.014988	UI-H-EZ1-bca-n-05-0-UI.s1 NCI_CGAP_Ch2 cDNA clone UI-H-EZ1-bca-n-05-0-UI 3', mRNA sequence /clone=UI-H-EZ1-bca-n-05-0-UI /clone_end=3' /gb=BQ774356 /gi=21982825 /ug=Hs.43227 /len=1083	BQ774356	Hs.43227	
7938	0.023151	UI-H-EU1-bai-b-07-0-UI.s1 NCI_CGAP_Ct1 cDNA clone UI-H-EU1-bai-b-07-0-UI 3', mRNA sequence /clone=UI-H-EU1-bai-b-07-0-UI /clone_end=3' /gb=BQ448117 /gi=21251229 /ug=Hs.8705 /len=1171	BQ448117	Hs.8705	
7939	0.023151	EST (IL-BT003-221198-003 BT003)	AI902209		
7947	0.021575	EST (AV690707 GKC H.sapiens cDNA	AV690707		NP_004577
7951	0.042212	EST (am59f03.x1 Johnston frontal	AI124626		
7960	0.023151	RAB5B, member RAS oncogene family (=DC43 mRNA, complete cds (AF267863.1))	AF267863	Hs.77690	NP_002859
7962	0.037129	hypothetical protein MGC2941 (MGC2941), mRNA /cds=(172,969) /gb=NM_024297 /gi=13236519 /ug=Hs.288217 /len=2005	NM_024297	Hs.288217	NP_077273

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
7966	0.047854	cDNA: FLJ23165 fis, clone LNG09846. /gb=AK026818 /gi=10439763 /ug=Hs.279898 /len=2117	AK026818	Hs.279898	
7968	0.005746	low density lipoprotein receptor-related protein 5 (LRP5), mRNA /cds=(49,4896) /gb=NM_002335 /gi=4505018 /ug=Hs.6347 /len=5100	NM_002335	Hs.6347	NP_002326
7975	0.009424	cDNA: FLJ22050 fis, clone HEP09454. /gb=AK025703 /gi=10438305 /ug=Hs.173705 /len=1990	AK025703	Hs.173705	
7984	0.024824	hypothetical protein FLJ11126 (FLJ11126), mRNA /cds=(81,1517) /gb=NM_018332 /gi=20070297 /ug=Hs.226396 /len=2927	NM_018332	Hs.226396	NP_060802
8020	0.011037	phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase (GART), mRNA /cds=(79,3111) /gb=NM_000819 /gi=24475881 /ug=Hs.82285 /len=3291	NM_000819	Hs.82285	NP_780294
8036	0.032563	mitogen-activated protein kinase kinase kinase 7 (MAP3K7), transcript variant A, mRNA /cds=(306,2045) /gb=NM_003188 /gi=21735560 /ug=Hs.7510 /len=2912	NM_003188	Hs.7510	NP_663306
8045	0.04496	hydrolase-like 1 (AHCYL1), mRNA /cds=(369,1961) /gb=NM_006621 /gi=21361646 /ug=Hs.4113 /len=2677	NM_006621	Hs.4113	NP_006612
8071	0.01738	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 3 (DDX3), transcript variant 2, mRNA /cds=(857,2845) /gb=NM_001356 /gi=13514812 /ug=Hs.380774 /len=5322	NM_001356	Hs.380774	NP_076829
8095	0.020091	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 21 (DDX21), mRNA /cds=(266,2413) /gb=NM_004728 /gi=13787208 /ug=Hs.169531 /len=3319	NM_004728	Hs.169531	NP_004719
8124	0.042212	hypothetical protein MGC9084 (MGC9084), mRNA /cds=(279,1397) /gb=NM_033418 /gi=15553096 /ug=Hs.33922 /len=1445	NM_033418	Hs.33922	NP_219486
8168	0.014988	hypothetical protein FLJ23221 (FLJ23221), mRNA /cds=(24,419) /gb=NM_024579 /gi=13375757 /ug=Hs.18397 /len=519	NM_024579	Hs.18397	NP_078855

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
8191	0.047854	downstream neighbor of SON (DONSON), transcript variant 1, mRNA /cds=(68,1768) /gb=NM_017613 /gi=22035582 /ug=Hs.17834 /len=2189	NM_017613	Hs.17834	NP_665738
8227	0.034784	hypothetical protein FLJ20628 (FLJ20628), mRNA /cds=(23,1456) /gb=NM_017910 /gi=13435382 /ug=Hs.32356 /len=1846	NM_017910	Hs.32356	NP_060380
8240	0.012481	mitochondrion, complete genome	NC_001807		
8280	0.026596	EST(yh89c04.r1 clone 136902 5')	R39720		
8308	0.030461	EST(ty24e09.x1 NCI_CGAP_Ut3 clone IMAGE:2280040 3' contains Alu repeat)	AI758800		
8311	0.001304	clone IMAGE:5295441, mRNA /gb=BC043222 /gi=28175025 /ug=Hs.405253 /len=2712	BC043222	Hs.405253	
8326	0.042212	BX118128 Soares fetal liver spleen 1NFLS cDNA clone IMAGp998L20388, mRNA sequence /clone=IMAGp998L20388;_IMAGE:201763 /gb=BX118128 /gi=27840987 /ug=Hs.15328 /len=783	BX118128	Hs.15328	
8359	0.013901	UI-H-BW1-amn-b-05-0-UI.s1 NCI_CGAP_Sub7 cDNA clone IMAGE:3070401 3', mRNA sequence /clone=IMAGE:3070401 /clone_end=3' /gb=BF513064 /gi=11598243 /ug=Hs.446233 /len=777	BF513064	Hs.446233	
8378	0.014988	601556349T1 NIH_MGC_58 cDNA clone IMAGE:3826069 3', mRNA sequence /clone=IMAGE:3826069 /clone_end=3' /gb=BE739647 /gi=10153639 /ug=Hs.88156 /len=692	BE739647	Hs.88156	
8382	0.04496	hypothetical protein clone 23745 mRNA, complete cds	U79260		
8402	0.026596	EST (wh75b01.x1 NCI_CGAP_CLL1 cDNA clone IMAGE:2386537 3' similar to gb:X69392 60S RIBOSOMAL PROTEIN L26 (HUMAN);contains L1.b3 L1 repetitive element ;	AI809166		
8419	0.023151	mRNA; cDNA DKFZp586B1922 (from clone DKFZp586B1922) /gb=AL049450 /gi=4500236 /ug=Hs.184779 /len=1433	AL049450	Hs.184779	
8425	0.008019	EST yc14f05.s1 cDNA clone 80673 3' contains L1 repetitive element.	T57825		
8482	0.047805	EST (7q71c12.x1 NCI_CGAP_Lu24 cDNA clone IMAGE:3703702 3')	BF433956		
8483	0.0068	EST (IL3-CT0219-271099-022-B11)	AW376891		

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
8489	0.042212	CLK4 mRNA sequence /cds=(154,1515) /gb=AF212224 /gi=9437514 /ug=Hs.406557 /len=1865	AF212224	Hs.406557	
8495	0.008697	EST(ws08g04.x1 NCI_CGAP_Kid11 cDNA clone IMAGE:2496630 3')	AI985577		
8501	0.00213	hypothetical protein FLJ40137 (FLJ40137), mRNA /cds=(149,1141) /gb=NM_173478 /gi=27735056 /ug=Hs.412708 /len=2241	NM_173478	Hs.412708	NP_775749
8544	0.037129	clone IMAGE:5285272, mRNA /gb=BC041413 /gi=27370619 /ug=Hs.101615 /len=2656	BC041413	Hs.101615	
8559	0.034784	clone MGC:5564, mRNA, complete cds /cds=(227,304) /gb=BC003697 /gi=13277575 /ug=Hs.188757 /len=2145	BC003697	Hs.188757	
8563	0.04496	UI-E-EJ1-ajx-j-20-0-UI.r1 UI-E-EJ1 cDNA clone UI-E-EJ1-ajx-j-20-0-UI 5', mRNA sequence /clone=UI-E-EJ1-ajx-j-20-0-UI /clone_end=5' /gb=BQ188931 /gi=20364482 /ug=Hs.334233 /len=1116	BQ188931	Hs.334233	
8587	0.037129	UI-H-BI2-agk-g-09-0-UI.s1 NCI_CGAP_Sub4 cDNA clone IMAGE:2724688 3', mRNA sequence /clone=IMAGE:2724688 /clone_end=3' /gb=AW291592 /gi=6698228 /ug=Hs.445096 /len=680	AW291592	Hs.445096	
8593	0.026596	cs26g08.y1 Retinal pigment epithelium/choroid cDNA (Un-normalized, unamplified): cs cDNA clone cs26g08 5', mRNA sequence /clone=cs26g08 /clone_end=5' /gb=CA392625 /gi=24725520 /ug=Hs.389253 /len=648	CA392625	Hs.389253	
8598	0.024441	EST(cDNA clone IMAGE:3313792 3')	BF001617		
8602	0.037129	clone IMAGE:5217034, mRNA /gb=BC041468 /gi=27370762 /ug=Hs.434746 /len=1884	BC041468	Hs.434746	
8606	0.004059	hypothetical protein DKFZp451G182 (DKFZp451G182), mRNA /cds=(99,4049) /gb=NM_153610 /gi=23957703 /ug=Hs.50794 /len=4678	NM_153610	Hs.50794	NP_705838
8631	0.018694	clone IMAGE:4615963, mRNA	BC017826		
8634	0.030461	mRNA; cDNA DKFZp564B033 (from clone DKFZp564B033) /gb=AL049241 /gi=4499975 /ug=Hs.296484 /len=2228	AL049241	Hs.296484	

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
8635	0.028474	ESTs, cDNA, 3' end /clone_end=3' /gb=BI789108 /gi=15816833 /ug=Hs.304928 /len=529	BI789108	Hs.304928	
8642	0.020091	EST375384 MAGE resequences, MAGH cDNA, mRNA sequence /gb=AW963311 /gi=8153147 /ug=Hs.323791 /len=608	AW963311	Hs.323791	
8644	0.012883	proteasome (prosome, macropain) 26S subunit, ATPase, 1 (PSMC1), mRNA /cds=(49,1371) /gb=NM_002802 /gi=24430150 /ug=Hs.4745 /len=1586	NM_002802	Hs.4745	NP_002793
8646	0.042212	cDNA FLJ39413 fis, clone PLACE6015729. /gb=AK096732 /gi=21756291 /ug=Hs.194339 /len=1957	AK096732	Hs.194339	
8660	0.018694	nk74h02.s1 NCI_CGAP_Sch1 cDNA clone IMAGE:1019283 3' similar to contains Alu repetitive element;contains element LTR5 repetitive element ;, mRNA sequence /clone=IMAGE:1019283 /clone_end=3' /gb=AA551072 /gi=2321324 /ug=Hs.368624 /len=477	AA551072	Hs.368624	
8672	0.004838	FLJ22781 fis, clone KAIA1958 /cds=UNKNOWN /gb=AK026434 /gi=10439298 /ug=Hs.213236 /len=2599	AK026434	Hs.213236	
8679	0.020091	wf59f02.x1 Soares_NFL_T_GBC_S1 cDNA clone IMAGE:2359899 3', mRNA sequence /clone=IMAGE:2359899 /clone_end=3' /gb=AI809904 /gi=5396470 /ug=Hs.369826 /len=533	AI809904	Hs.369826	
8683	0.034784	DKFZp686G1317_r1 686 (synonym: hlcc3) cDNA clone DKFZp686G1317 5', mRNA sequence /clone=DKFZp686G1317 /clone_end=5' /gb=AL702914 /gi=19686269 /ug=Hs.372944 /len=557	AL702914	Hs.372944	
8688	0.001756	mitogen-activated protein kinase kinase kinase 12 (MAP3K12), mRNA /cds=(99,2678) /gb=NM_006301 /gi=21735551 /ug=Hs.211601 /len=3365	NM_006301	Hs.211601	NP_006292
8694	0.020091	protein kinase, cAMP-dependent, regulatory, type I, alpha (tissue specific extinguisher 1) (PRKAR1A), mRNA /cds=(88,1233) /gb=NM_002734 /gi=4506062 /ug=Hs.183037 /len=3036	NM_002734	Hs.183037	NP_002725

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
8699	0.024824	clone IMAGE:3909623, mRNA, partial cds /cds=(1,178) /gb=BC015894 /gi=16198445 /ug=Hs.33264 /len=2980	BC015894	Hs.33264	
8707	0.006254	tc93c11.x1 NCI_CGAP_CLL1 cDNA clone IMAGE:2073716 3' similar to contains Alu repetitive element;, mRNA sequence /clone=IMAGE:2073716 /clone_end=3' /gb=AI475669 /gi=4328714 /ug=Hs.309348 /len=487	AI475669	Hs.309348	
8708	0.030461	BX111624 NCI_CGAP_Lu5 cDNA clone IMAGp998D244068, mRNA sequence /clone=IMAGp998D244068_; IMAGE:1604327 /gb=BX111624 /gi=27837123 /ug=Hs.184840 /len=808	BX111624	Hs.184840	
8728	0.037129	DKFZp547N166_r1 547 (synonym: hfbr1) cDNA clone DKFZp547N166 5', mRNA sequence /clone=DKFZp547N166 /clone_end=5' /gb=AL134698 /gi=6602885 /ug=Hs.272048 /len=586	AL134698	Hs.272048	
8754	0.026596	602072454F1 NCI_CGAP_Brn67 cDNA clone IMAGE:4215325 5', mRNA sequence /clone=IMAGE:4215325 /clone_end=5' /gb=BF530944 /gi=11618307 /ug=Hs.319823 /len=686	BF530944	Hs.319823	
8755	0.01738	UI-H-EI1-azd-I-09-0-UI.s1 NCI_CGAP_EI1 cDNA clone IMAGE:5847320 3', mRNA sequence /clone=IMAGE:5847320 /clone_end=3' /gb=BQ003406 /gi=19728306 /ug=Hs.269493 /len=1055	BQ003406	Hs.269493	
8764	0.04496	mRNA; cDNA DKFZp761G241 (from clone DKFZp761G241) /gb=AL137501 /gi=6808146 /ug=Hs.306470 /len=3018	AL137501	Hs.306470	
8766	0.028474	BX107527 Soares_testis_NHT cDNA clone IMAGp998E231862, mRNA sequence /clone=IMAGp998E231862_; IMAGE:757246 /gb=BX107527 /gi=27847429 /ug=Hs.187615 /len=775	BX107527	Hs.187615	
8767	0.021575	UMP-CMP kinase (UMP-CMPK), mRNA /cds=(31,717) /gb=NM_016308 /gi=7706496 /ug=Hs.11463 /len=2836	NM_016308	Hs.11463	NP_057392

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
8773	0.030461	nn16d07.s1 NCI_CGAP_Co12 cDNA clone IMAGE:1084045 3' similar to contains Alu repetitive element;contains element MER26 repetitive element ;, mRNA sequence /clone=IMAGE:1084045 /clone_end=3' /gb=AA593988 /gi=2409338 /ug=Hs.270630 /len=560	AA593988	Hs.270630	
8791	0.00213	tg51b06.x1 Soares_NFL_T_GBC_S1 cDNA clone IMAGE:2112275 3', mRNA sequence /clone=IMAGE:2112275 /clone_end=3' /gb=AI419722 /gi=4265653 /ug=Hs.161220 /len=484	AI419722	Hs.161220	
8810	0.004059	EST(cDNA clone IMAGE:2432925 3')	AI869557		NP_689744
8826	0.018694	cDNA FLJ25058 fis, clone CBL04608. /cds=(139,639) /gb=AK057787 /gi=16553726 /ug=Hs.350624 /len=1808	AK057787	Hs.350624	
8827	0.030461	ob11d04.s1 NCI_CGAP_Kid3 cDNA clone IMAGE:1323367 3' similar to contains Alu repetitive element;contains element LTR5 repetitive element ;, mRNA sequence /clone=IMAGE:1323367 /clone_end=3' /gb=AA872730 /gi=2968852 /ug=Hs.125229 /len=586	AA872730	Hs.125229	
8833	0.023151	no significant match, No orf	SEQ.ID.No.1		
8837	0.01738	no significant match	SEQ.ID.No.39		
8839	0.01738	No significant match, ORF-1(3~472)	SEQ.ID.No.49		
8845	0.013901	No significant match	SEQ.ID.No.82		
8869	0.026596	Novel, No orf	SEQ.ID.No.4		
8918	0.014988	EST EST72587 Ovary II cDNA 5' end	AA362818		NP_057226
8925	0.034784	EST TCBAP1D1176 Pediatric pre-B cell acute lymphoblastic leukemia Baylor-HGSC project=TCBA cDNA clone TCBAP1176	BE244548		
8962	0.013901	UI-H-BW0-ajq-g-03-0-UI.s1 NCI_CGAP_Sub6 cDNA clone IMAGE:2732740 3', mRNA sequence /clone=IMAGE:2732740 /clone_end=3' /gb=AW298806 /gi=6705442 /ug=Hs.438211 /len=615	AW298806	Hs.438211	
8963	0.042212	EST(IL2-HT0433-020200-041-F07_1 HT0433)	BE161204		
8995	0.026596	EST1000 HEV PCR-select cDNA clone HEV#2154, mRNA sequence /clone=HEV#2154 /gb=BM956063 /gi=23346294 /ug=Hs.390155 /len=664	BM956063	Hs.390155	

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
9018	0.028474	EST382162 MAGE resequences, MAGK cDNA, mRNA sequence /gb=AW970081 /gi=8159926 /ug=Hs.325603 /len=423	AW970081	Hs.325603	
9052	0.0068	yy73h08.s1 Soares_multiple_sclerosis_2NbHMSP cDNA clone IMAGE:279231 3', mRNA sequence /clone=IMAGE:279231 /clone_end=3' /gb=N46879 /gi=1188045 /ug=Hs.397476 /len=539	N46879	Hs.397476	
9057	0.003097	glycosyltransferase (LOC83468), mRNA /cds=(408,1457) /gb=NM_031302 /gi=21314737 /ug=Hs.159993 /len=1908	NM_031302	Hs.159993	NP_112592
9061	0.013494	cDNA FLJ33960 fis, clone CTONG2018843. /gb=AK091279 /gi=21749612 /ug=Hs.126465 /len=2849	AK091279	Hs.126465	
9067	0.04496	xs46d07.x1 NCI_CGAP_Kid11 cDNA clone IMAGE:2772685 3' similar to contains Alu repetitive element;contains element MER12 MER12 repetitive element ;, mRNA sequence /clone=IMAGE:2772685 /clone_end=3' /gb=AW271316 /gi=6658346 /ug=Hs.371210 /len=496	AW271316	Hs.371210	
9077	0.047805	ty83h04.x1 NCI_CGAP_Kid11 cDNA clone IMAGE:2285719 3', mRNA sequence /clone=IMAGE:2285719 /clone_end=3' /gb=AI758933 /gi=5152658 /ug=Hs.292921 /len=487	AI758933	Hs.292921	
9087	0.034784	EST370944 MAGE resequences, MAGE cDNA, mRNA sequence /gb=AW958874 /gi=8148558 /ug=Hs.403977 /len=504	AW958874	Hs.403977	
9150	0.034784	EST, cDNA, 3' end /clone=IMAGE:3214604 /clone_end=3' /gb=BE503107 /gi=9705515 /ug=Hs.281951 /len=368	BE503107	Hs.281951	
9151	0.016146	mRNA; cDNA DKFZp564A2164 (from clone DKFZp564A2164) /gb=AL117611 /gi=5912187 /ug=Hs.19150 /len=1908	AL117611	Hs.19150	
9152	0.028474	cDNA FLJ31610 fis, clone NT2RI2002865. /gb=AK056172 /gi=16551502 /ug=Hs.196379 /len=2194	AK056172	Hs.196379	

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
9153	0.034784	AGENCOURT_8584280 Lupski_sympathetic_trunk cDNA clone IMAGE:6192820 5', mRNA sequence /clone=IMAGE:6192820 /clone_end=5' /gb=BQ876563 /gi=22268571 /ug=Hs.346743 /len=925	BQ876563	Hs.346743	
9156	0.04496	AV700727 GKC cDNA clone GKCGRD12 3', mRNA sequence /clone=GKCGRD12 /clone_end=3' /gb=AV700727 /gi=10302698 /ug=Hs.446006 /len=494	AV700727	Hs.446006	
9192	0.036892	mRNA full length insert cDNA clone EUROIMAGE 1271944 /cds=UNKNOWN /gb=AJ420453 /gi=17066317 /ug=Hs.351834 /len=1186	AJ420453	Hs.351834	NP_006435
9197	0.047854	EST(603060869F1 NIH_MGC_122 cDNA clone IMAGE:5210201 5')	BI767635		NP_689605
9214	0.04496	602646211F1 NIH_MGC_76 cDNA clone IMAGE:4767747 5', mRNA sequence /clone=IMAGE:4767747 /clone_end=5' /gb=BG618829 /gi=13670200 /ug=Hs.164064 /len=628	BG618829	Hs.164064	
9233	0.002573	AGENCOURT_10227215 NIH_MGC_141 cDNA clone IMAGE:6565196 5', mRNA sequence /clone=IMAGE:6565196 /clone_end=5' /gb=BU536672 /gi=22847113 /ug=Hs.380933 /len=1275	BU536672	Hs.380933	
9333	0.034512	AF150275 mRNA from cd34 stem cells cDNA clone CBFBNE09, mRNA sequence /clone=CBFBNE09 /gb=AF150275 /gi=5133711 /ug=Hs.40173 /len=1823	AF150275	Hs.40173	
9341	0.042212	No significant match	SEQ.ID.No.43		
9443	0.011929	synapse associated protein 1, SAP47 (Drosophila) (SYAP1), mRNA /cds=(94,1152) /gb=NM_032796 /gi=19923854 /ug=Hs.47334 /len=2030	NM_032796	Hs.47334	NP_116185
9459	0.021575	ubiquinol-cytochrome c reductase binding protein (UQCRB), mRNA /cds=(54,389) /gb=NM_006294 /gi=20070231 /ug=Hs.131255 /len=965	NM_006294	Hs.131255	NP_006285
9460	0.04496	FLJ10254 (FLJ10254), mRNA /cds=(172,993) /gb=NM_018041 /gi=8922314 /ug=Hs.326551 /len=2134	NM_018041	Hs.326551	
9482	0.042212	mRNA for KIAA1367 protein, partial cds. /cds=(1,1741) /gb=AB037788 /gi=7243114 /ug=Hs.224961 /len=4196	AB037788	Hs.224961	

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
9485	0.009424	mRNA; cDNA DKFZp434K1412 (from clone DKFZp434K1412) /gb=AL137753 /gi=6808455 /ug=Hs.12144 /len=5448	AL137753	Hs.12144	
9513	0.008019	hypothetical gene supported by AY007122 (LOC92719), mRNA	XM_046853		
9529	0.032563	GTP-binding protein Sara (LOC51128), mRNA /cds=(151,747) /gb=NM_016103 /gi=7705826 /ug=Hs.279582 /len=1280	NM_016103	Hs.279582	NP_057187
9532	0.037129	likely ortholog of rat V-1 protein (V-1), mRNA /cds=(229,585) /gb=NM_145808 /gi=21956644 /ug=Hs.21321 /len=3770	NM_145808	Hs.21321	NP_665807
9540	7.78E-04	translation factor sui1 (GC20), mRNA /cds=(242,583) /gb=NM_005875 /gi=5031710 /ug=Hs.21756 /len=992	NM_005875	Hs.21756	NP_005866
9601	0.008697	hypothetical protein FLJ20625 (FLJ20625), mRNA /cds=(53,538) /gb=NM_017907 /gi=8923578 /ug=Hs.109773 /len=1112	NM_017907	Hs.109773	NP_060377
9618	0.020091	protein phosphatase 1A (formerly 2C), magnesium-dependent, alpha isoform (PPM1A), mRNA /cds=(358,1506) /gb=NM_021003 /gi=10337594 /ug=Hs.57764 /len=2346	NM_021003	Hs.57764	NP_808821
9619	0.04496	hypothetical protein MGC14817 (MGC14817), mRNA /cds=(53,442) /gb=NM_032338 /gi=14150123 /ug=Hs.124813 /len=1010	NM_032338	Hs.124813	NP_115714
9642	0.028124	FK506 binding protein 11, 19 kDa (FKBP11), mRNA /cds=(73,678) /gb=NM_016594 /gi=7706130 /ug=Hs.24048 /len=727	NM_016594	Hs.24048	NP_057678
9663	0.04496	DKFZP586G011 protein (LAP1B), mRNA /cds=(56,1444) /gb=NM_015602 /gi=24308098 /ug=Hs.234265 /len=3275	NM_015602	Hs.234265	NP_056417
9680	0.021575	clone 114 tumor rejection antigen mRNA, complete cds /cds=(3482,3544) /gb=AF445027 /gi=17386079 /ug=Hs.24723 /len=3648	AF445027	Hs.24723	
9721	0.013901	EST(yj01e06.r1 clone 147490 5')	R81297		NP_057707
9727	0.024824	mRNA; cDNA DKFZp586F0219 (from clone DKFZp586F0219) /gb=AL049404 /gi=4500192 /ug=Hs.432818 /len=2451	AL049404	Hs.432818	
9733	0.013901	hypothetical protein LOC92597 (LOC92597), mRNA /cds=(151,801) /gb=NM_173468 /gi=27735028 /ug=Hs.31422 /len=6956	NM_173468	Hs.31422	NP_775739

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
9765	0.047805	602299495F1 NIH_MGC_87 cDNA clone IMAGE:4393919 5', mRNA sequence /clone=IMAGE:4393919 /clone_end=5' /gb=BG030805 /gi=12420450 /ug=Hs.439128 /len=924	BG030805	Hs.439128	
9783	0.021173	EST(tx54b12.x1 NCI_CGAP_Lu24 clone IMAGE:2273375 3' contains L1.t2 L1 repeat)	AI630984		
9801	0.028124	UI-1-BB1-aio-d-05-0-UI.s1 NCI_CGAP_PI5 cDNA clone UI-1-BB1-aio-d-05-0-UI 3', mRNA sequence /clone=UI-1-BB1-aio-d-05-0-UI /clone_end=3' /gb=BQ026113 /gi=19761392 /ug=Hs.365663 /len=626	BQ026113	Hs.365663	
9805	0.034784	EST (qh12h02.x1 Soares_NFL_T_GBC_S1 IMAGE:1844499 3')	AI240516		
9806	0.037129	7k03e02.x1 NCI_CGAP_GC6 cDNA clone IMAGE:3443402 3', mRNA sequence /clone=IMAGE:3443402 /clone_end=3' /gb=BF056273 /gi=10810169 /ug=Hs.188920 /len=572	BF056273	Hs.188920	
9812	0.032563	mRNA; cDNA DKFZp313C1042 (from clone DKFZp313C1042) /gb=AL833436 /gi=21734078 /ug=Hs.376859 /len=2103	AL833436	Hs.376859	
9819	0.01738	EST (yq42a05.r1 Soares fetal liver spleen	R94397		
9833	0.047854	AGENCOURT_6861057 NIH_MGC_99 cDNA clone IMAGE:5931113 5', mRNA sequence /clone=IMAGE:5931113 /clone_end=5' /gb=BQ066467 /gi=19895513 /ug=Hs.446485 /len=1029	BQ066467	Hs.446485	
9905	0.039603	Similar to RecQ protein-like 5, clone IMAGE:3629492, mRNA, partial cds (BC005103.1)	BC005103	Hs.33818	NP_004250
9907	0.028474	glucuronidase, beta (GUSB), mRNA /cds=(27,1982) /gb=NM_000181 /gi=4504222 /ug=Hs.183868 /len=2191	NM_000181	Hs.183868	NP_000172
9960	0.047854	similar to weakly similar to glutathione peroxidase 2, clone MGC:32677 IMAGE:4285958, mRNA, complete cds /cds=(35,664) /gb=BC029424 /gi=20810222 /ug=Hs.283072 /len=1398	BC029424	Hs.283072	

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
9990	0.030461	hypothetical protein FLJ23467 (FLJ23467), mRNA /cds=(103,657) /gb=NM_024575 /gi=13375749 /ug=Hs.16179 /len=1196	NM_024575	Hs.16179	NP_078851
10012	0.04496	hypothetical protein FLJ22729 (FLJ22729), mRNA /cds=(603,1079) /gb=NM_024683 /gi=13375953 /ug=Hs.94891 /len=1278	NM_024683	Hs.94891	NP_078959
10049	0.030461	FLJ12209 fis, clone MAMMA1000962 /cds=UNKNOWN /gb=AK022271 /gi=10433630 /ug=Hs.366548 /len=1239	AK022271	Hs.366548	
10054	0.021575	similar to hypothetical protein FLJ10883 (LOC115294), mRNA /cds=(98,1171) /gb=NM_052937 /gi=24308385 /ug=Hs.60293 /len=3967	NM_052937	Hs.60293	NP_443169
10075	0.039603	anti-silencing function 1A (DKFZP547E2110), mRNA /cds=(193,807) /gb=NM_014034 /gi=7661591 /ug=Hs.108110 /len=2367	NM_014034	Hs.108110	NP_054753
10084	0.039603	hypothetical protein MGC11034 (MGC11034), mRNA /cds=(246,641) /gb=NM_031453 /gi=13899290 /ug=Hs.103378 /len=3301	NM_031453	Hs.103378	NP_113641
10107	0.013901	chromosome 20 open reading frame 99, cDNA: FLJ22115 fis, clone HEP18471	AK025768		NP_149080
10112	0.028474	COP9 constitutive photomorphogenic subunit 5 (Arabidopsis) (COPS5), mRNA /cds=(121,1125) /gb=NM_006837 /gi=5803045 /ug=Hs.380969 /len=1277	NM_006837	Hs.380969	NP_006828
10114	0.047854	early growth response 3 (EGR3), mRNA /cds=(358,1521) /gb=NM_004430 /gi=4758251 /ug=Hs.74088 /len=4289	NM_004430	Hs.74088	NP_004421
10116	0.042212	splicing factor 1 (SF1), mRNA /cds=(383,2254) /gb=NM_004630 /gi=4759339 /ug=Hs.180677 /len=3131	NM_004630	Hs.180677	NP_004621
10145	0.039603	EST(fi21a05.x1 Sugano Kawakami zebrafish DRA clone 2601776 3')	AW116880		
10166	0.018694	TPA regulated locus (TPARL), mRNA /cds=(195,1169) /gb=NM_018475 /gi=8923860 /ug=Hs.236510 /len=1913	NM_018475	Hs.236510	NP_060945
10194	0.008019	hypothetical protein FLJ11101 (FLJ11101), mRNA /cds=(1,552) /gb=NM_018322 /gi=8922866 /ug=Hs.58382 /len=1920	NM_018322	Hs.58382	NP_060792

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
10227	0.042212	mRNA; cDNA DKFZp586N2424 (from clone DKFZp586N2424) /gb=AL157503 /gi=7018553 /ug=Hs.27552 /len=2220	AL157503	Hs.27552	
10228	0.047854	hypothetical protein FLJ10342 (FLJ10342), mRNA /cds=(534,1145) /gb=NM_018064 /gi=14149717 /ug=Hs.101514 /len=1506	NM_018064	Hs.101514	NP_060534
10232	0.023151	BX094256 Soares_fetal_heart_NbHH19W cDNA clone IMAGp998B20783, mRNA sequence /clone=IMAGp998B20783_; IMAGE:342835 /gb=BX094256 /gi=27841884 /ug=Hs.407356 /len=477	BX094256	Hs.407356	
10236	0.047854	hypothetical protein MGC4701 (MGC4701), mRNA /cds=(149,1585) /gb=NM_024511 /gi=24308290 /ug=Hs.421054 /len=1686	NM_024511	Hs.421054	NP_078787
10269	0.028474	hypothetical protein PRO1546	NP_061055		
10272	0.04496	EST yc21h02.r1 Stratagene lung (#937210) cDNA clone IMAGE:81363 5'	T63815		
10282	0.023151	EST (7o83a06.x1 NCI_CGAP_Kid11 cDNA clone IMAGE:3642898 3')	BF197462		
10287	0.024824	EST (ye08g06.r1 Stratagene lung (#937210) cDNA clone IMAGE:117178 5')	T87941		
10310	0.007388	EST (oy95f11.x1 Soares_fetal_liver_spleen_1NFLS_S1 cDNA clone IMAGE:1673613 3' similar to contains OFR.t1 OFR repetitive element ;	AI079513		
10335	0.024441	hypothetical protein MGC13024 (MGC13024), mRNA /cds=(196,1083) /gb=NM_152288 /gi=22748650 /ug=Hs.333488 /len=2239	NM_152288	Hs.333488	NP_689501
10363	0.010203	Similar to RIKEN cDNA 2310026P19 gene, clone MGC:49935 IMAGE:6175382, mRNA, complete cds /cds=(288,3329) /gb=BC043352 /gi=27694113 /ug=Hs.35096 /len=5900	BC043352	Hs.35096	
10369	0.034784	phosphatidylinositol 4-kinase type-II beta (PI4K2B), mRNA /cds=(112,1557) /gb=NM_018323 /gi=18874095 /ug=Hs.23920 /len=3458	NM_018323	Hs.23920	NP_060793
10387	0.04496	RAD52B (RAD52B), mRNA /cds=(28,882) /gb=NM_145654 /gi=21717825 /ug=Hs.194411 /len=1159	NM_145654	Hs.194411	NP_663629

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
10397	0.012883	maternal G10 transcript (G10), mRNA /cds=(380,814) /gb=NM_003910 /gi=4503836 /ug=Hs.380233 /len=1003	NM_003910	Hs.380233	NP_003901
10405	0.030461	EST (AW893778 RC4-NN0025-150400-012-c12 NN0025 cDNA)	AW893778		
10418	0.039603	602152595F1 NIH_MGC_81 cDNA clone IMAGE:4293719 5', mRNA sequence /clone=IMAGE:4293719 /clone_end=5' /gb=BF672139 /gi=11946034 /ug=Hs.19479 /len=896	BF672139	Hs.19479	
10430	0.001935	EST(ha63a03.x1 NCI_CGAP_Pan1 cDNA clone IMAGE:2878348 3')	AW338626		NP_006826
10437	0.034784	UI-H-EI1-aze-c-02-0-UI.s1 NCI_CGAP_EI1 cDNA clone IMAGE:5847481 3', mRNA sequence /clone=IMAGE:5847481 /clone_end=3' /gb=BQ003590 /gi=19728490 /ug=Hs.29698 /len=1051	BQ003590	Hs.29698	
10466	0.026229	cDNA, 5' end /clone=IMAGE:4592424 /clone_end=5' /gb=BG400792 /gi=13294240 /ug=Hs.83286 /len=973	BG400792	Hs.83286	NP_714916
10481	0.039603	UI-H-DF0-beu-n-17-0-UI.s1 NCI_CGAP_DF0 cDNA clone UI-H-DF0-beu-n-17-0-UI 3', mRNA sequence /clone=UI-H-DF0-beu-n-17-0-UI /clone_end=3' /gb=BU617990 /gi=23284205 /ug=Hs.444822 /len=1088	BU617990	Hs.444822	
10491	0.034784	UI-H-DH0-aui-j-10-0-UI.s1 NCI_CGAP_DH0 cDNA clone IMAGE:5871081 3', mRNA sequence /clone=IMAGE:5871081 /clone_end=3' /gb=BM994461 /gi=19719362 /ug=Hs.434057 /len=2059	BM994461	Hs.434057	
10495	0.023151	7q35h07.x1 NCI_CGAP_GC6 cDNA clone IMAGE:3700476 3' similar to contains element MER4 MER4 repetitive element ;, mRNA sequence /clone=IMAGE:3700476 /clone_end=3' /gb=BF478238 /gi=11549065 /ug=Hs.356203 /len=400	BF478238	Hs.356203	
10499	0.026229	cDNA: FLJ21545 fis, clone COL06195. /gb=AK025198 /gi=10437662 /ug=Hs.83623 /len=2176	AK025198	Hs.83623	
10503	0.039603	thymosin, beta 4, X chromosome (TMSB4X), mRNA /cds=(78,212) /gb=NM_021109 /gi=11056060 /ug=Hs.75968 /len=556	NM_021109	Hs.75968	NP_066932

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
10518	0.037129	UI-H-EI1-ayz-p-10-0-UI.s1 NCI_CGAP_EI1 cDNA clone IMAGE:5845881 3', mRNA sequence /clone=IMAGE:5845881 /clone_end=3' /gb=BQ006715 /gi=19731615 /ug=Hs.29088 /len=1062	BQ006715	Hs.29088	
10525	0.012883	UI-H-DF0-beq-g-04-0-UI.s1 NCI_CGAP_DF0 cDNA clone UI-H-DF0-beq-g-04-0-UI 3', mRNA sequence /clone=UI-H-DF0-beq-g-04-0-UI /clone_end=3' /gb=BU617513 /gi=23283728 /ug=Hs.25566 /len=1170	BU617513	Hs.25566	
10544	0.024441	hypothetical protein LOC153339 (LOC153339), mRNA /cds=(21,239) /gb=NM_174909 /gi=28372532 /ug=Hs.374538 /len=726	NM_174909	Hs.374538	NP_777569
10589	0.003712	BX104984 Soares placenta Nb2HP cDNA clone IMAGp998G22188, mRNA sequence /clone=IMAGp998G22188_/_IMAGE:133 677 /gb=BX104984 /gi=27833283 /ug=Hs.287980 /len=752	BX104984	Hs.287980	
10595	0.013901	FLJ14309 fis, clone PLACE3000221 /cds=UNKNOWN /gb=AK024371 /gi=10436741 /ug=Hs.129013 /len=4964	AK024371	Hs.129013	
10619	0.028474	HepG2 3' region cDNA, clone hmd4e11. /gb=D16932 /gi=598823 /ug=Hs.434575 /len=382	D16932	Hs.434575	
10630	0.00213	UI-H-DF0-bet-j-17-0-UI.s1 NCI_CGAP_DF0 cDNA clone UI-H-DF0-bet-j-17-0-UI 3', mRNA sequence /clone=UI-H-DF0-bet-j-17-0-UI /clone_end=3' /gb=BU626301 /gi=23292516 /ug=Hs.443120 /len=1130	BU626301	Hs.443120	
10642	5.05E-04	HSC3IC021 normalized infant brain cDNA cDNA clone c-3ic02	F13068		
10654	0.042212	AGENCOURT_7968233 NIH_MGC_67 cDNA clone IMAGE:6170681 5', mRNA sequence /clone=IMAGE:6170681 /clone_end=5' /gb=BU189828 /gi=22703812 /ug=Hs.258214 /len=956	BU189828	Hs.258214	
10661	0.010203	ip18c02.y1 HR85 islet cDNA clone IMAGE:6217706 5', mRNA sequence /clone=IMAGE:6217706 /clone_end=5' /gb=CA777576 /gi=26015451 /ug=Hs.115779 /len=700	CA777576	Hs.115779	

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
10669	0.0068	EST(Hippocampus SN pool 1 cDNA clone IMAGE:1948863 similar to contains L1.t2 L1 repetitive element ;)	AI217038		
10676	0.021575	ESTs, cDNA, 3' end /clone=IMAGE:2354884 /clone_end=3' /gb=AI735488 /gi=5057012 /ug=Hs.111436 /len=514	AI735488	Hs.111436	
10704	0.042212	602149995F1 NIH_MGC_81 cDNA clone IMAGE:4291390 5', mRNA sequence /clone=IMAGE:4291390 /clone_end=5' /gb=BF670902 /gi=11944797 /ug=Hs.19107 /len=846	BF670902	Hs.19107	
10705	0.037129	No significant match, ORF+2(386~529),+3(3~107)	SEQ.ID.No.2		
10717	0.007388	No significant match	SEQ.ID.No.83		
10773	0.014988	EST (RC3-CT0254-300800-022-g07 CT0254)	BE927223		
10779	0.04496	EST (ADB cDNA clone ADBAKA02 5')	AV704531		
10790	0.018694	similar to zinc finger protein 22 (KOX 15) (LOC166793), mRNA /cds=(1401,2147) /gb=NM_145291 /gi=21686968 /ug=Hs.94013 /len=2634	NM_145291	Hs.94013	NP_660334
10792	0.021575	EST (hb87e12.x1 NCI_CGAP_Ut2 cDNA clone IMAGE:2890222 3' similar to contains Alu repetitive element)	AW439703		
10794	0.011037	FSHD region gene 1 (FRG1), mRNA /cds=(192,968) /gb=NM_004477 /gi=4758403 /ug=Hs.203772 /len=1042	NM_004477	Hs.203772	NP_004468
10801	0.026229	UI-H-BI4-apt-h-07-0-UI.s1 NCI_CGAP_Sub8 cDNA clone IMAGE:3088741 3', mRNA sequence /clone=IMAGE:3088741 /clone_end=3' /gb=BF511971 /gi=11595269 /ug=Hs.439923 /len=1228	BF511971	Hs.439923	
10814	0.016966	UI-E-CI1-afo-o-08-0-UI.s1 UI-E-CI1 cDNA clone UI-E-CI1-afo-o-08-0-UI 3', mRNA sequence /clone=UI-E-CI1-afo-o- 08-0-UI /clone_end=3' /gb=BU732338 /gi=23658133 /ug=Hs.99472 /len=1229	BU732338	Hs.99472	
10829	0.016966	EST CM2-BT0693-210300-123-a08 BT0693 cDNA	BE088733		
10836	0.028474	EST (nj28d04.s1 NCI_CGAP_AA1 cDNA clone IMAGE:993799 3')	AA600996		
10873	0.012883	601156470F1 NIH_MGC_21 cDNA clone IMAGE:3140104 5', mRNA sequence /clone=IMAGE:3140104 /clone_end=5' /gb=BE279006 /gi=9153993 /ug=Hs.444551 /len=549	BE279006	Hs.444551	

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
10875	0.014988	cDNA FLJ39179 fis, clone OCBBF2004147. /gb=AK096498 /gi=21756010 /ug=Hs.104935 /len=2760	AK096498	Hs.104935	
10891	0.032563	EST(yh69b07.r1 Soares placenta Nb2HP cDNA clone IMAGE:134965 5' similar to contains Alu repetitive element)	R31623		
10895	0.028474	EST (clone GKBACD08 3')	AV699636		
10898	0.037129	heat shock 70kDa protein 5 (glucose-regulated protein, 78kDa) (HSPA5), mRNA /cds=(205,2169) /gb=NM_005347 /gi=21361242 /ug=Hs.75410 /len=3925	NM_005347	Hs.75410	NP_005338
10912	0.030461	cDNA FLJ34675 fis, clone LIVER2001608. /gb=AK091994 /gi=21750487 /ug=Hs.380100 /len=1725	AK091994	Hs.380100	
10926	0.047854	EST(yp57a07.s1 Soares fetal liver spleen 1NFLS cDNA clone IMAGE:191508 3' similar to gb:X56411_rna1 ALCOHOL DEHYDROGENASE CLASS II PI CHAIN)	H37798		
10931	0.047854	MR2-CI0186-291100-010-a06 CI0186 cDNA, mRNA sequence /gb=BF814502 /gi=12147047 /ug=Hs.446594 /len=530	BF814502	Hs.446594	
10946	0.013901	of yeast long chain polyunsaturated fatty acid elongation enzyme 2 (HELO1), mRNA /cds=(345,1244) /gb=NM_021814 /gi=21361903 /ug=Hs.250175 /len=3011	NM_021814	Hs.250175	NP_068586
10959	0.030461	7p65g03.x1 NCI_CGAP_Pr28 cDNA clone IMAGE:3650861 3', mRNA sequence /clone=IMAGE:3650861 /clone_end=3' /gb=BF436898 /gi=11449213 /ug=Hs.213352 /len=426	BF436898	Hs.213352	
10966	0.024824	mRNA; cDNA DKFZp586C1723 (from clone DKFZp586C1723) /gb=AL050192 /gi=4884408 /ug=Hs.80285 /len=1797	AL050192	Hs.80285	
10973	0.01738	IL3-HT0619-280600-191-F06 HT0619 cDNA, mRNA sequence /gb=BQ357271 /gi=21022994 /ug=Hs.232093 /len=580	BQ357271	Hs.232093	
10991	0.01738	ribosomal protein L12 (RPL12), mRNA /cds=(89,586) /gb=NM_000976 /gi=15431291 /ug=Hs.405042 /len=632	NM_000976	Hs.405042	NP_000967
11016	0.014988	mitochondrion, complete genome	NC_001807		

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
11021	0.030461	FLJ23302 fis, clone HEP11143 /cds=UNKNOWN /gb=AK026955 /gi=10439937 /ug=Hs.287737 /len=2509	AK026955	Hs.367841	NP_115652
11035	0.001592	wa21h07.x1 NCI_CGAP_Kid11 cDNA clone IMAGE:2298781 3', mRNA sequence /clone=IMAGE:2298781 /clone_end=3' /gb=AI651329 /gi=4735308 /ug=Hs.160289 /len=482	AI651329	Hs.160289	
11049	0.037129	cs69c03.y2 Retinal pigment epithelium/choroid cDNA (Un-normalized, unamplified): cs cDNA clone cs69c03 5', mRNA sequence /clone=cs69c03 /clone_end=5' /gb=CA395789 /gi=24731580 /ug=Hs.446106 /len=585	CA395789	Hs.446106	
11085	0.01738	EST(cDNA clone IMAGE:2126419 3')	AI435109		
11094	0.034784	602969052F1 NIH_MGC_12 cDNA clone IMAGE:5108412 5', mRNA sequence /clone=IMAGE:5108412 /clone_end=5' /gb=BI260728 /gi=14819291 /ug=Hs.201769 /len=667	BI260728	Hs.201769	
11097	0.003808	ESTs, cDNA, 3' end /clone=UI-E-EJ0-ahj-f-02-0-UI /clone_end=3' /gb=BM674241 /gi=18984139 /ug=Hs.354662 /len=684	BM674241	Hs.354662	
11099	0.012481	UI-H-DT1-avz-g-14-0-UI.s1 NCI_CGAP_DT1 cDNA clone IMAGE:5886373 3', mRNA sequence /clone=IMAGE:5886373 /clone_end=3' /gb=BQ015869 /gi=19751146 /ug=Hs.353471 /len=1192	BQ015869	Hs.353471	
11113	0.047854	wy94a10.x1 NCI_CGAP_Brn23 cDNA clone IMAGE:2556186 3', mRNA sequence /clone=IMAGE:2556186 /clone_end=3' /gb=AW073130 /gi=6028128 /ug=Hs.370580 /len=536	AW073130	Hs.370580	
11114	0.030461	UI-CF-FN0-aew-k-20-0-UI.s1 UI-CF-FN0 cDNA clone UI-CF-FN0-aew-k-20-0-UI 3', mRNA sequence /clone=UI-CF-FN0-aew-k-20-0-UI /clone_end=3' /gb=BU608201 /gi=23274416 /ug=Hs.44404 /len=1157	BU608201	Hs.44404	
11132	0.039603	UI-H-CO0-aqz-b-03-0-UI.s1 NCI_CGAP_Sub9 cDNA clone IMAGE:3105700 3', mRNA sequence /clone=IMAGE:3105700 /clone_end=3' /gb=BQ027621 /gi=19762900 /ug=Hs.442094 /len=922	BQ027621	Hs.442094	

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
11142	0.007388	cDNA: FLJ22447 fis, clone HRC09479. /gb=AK026100 /gi=10438841 /ug=Hs.344000 /len=1659	AK026100	Hs.344000	
11162	0.04496	cDNA FLJ33072 fis, clone TRACH2000243. /gb=AK057634 /gi=16553392 /ug=Hs.348724 /len=2552	AK057634	Hs.348724	
11167	0.032563	cDNA FLJ31063 fis, clone HSYRA2001105	AK055625		
11168	0.047854	hv66b12.x1 NCI_CGAP_Lu24 cDNA clone IMAGE:3178367 3', mRNA sequence /clone=IMAGE:3178367 /clone_end=3' /gb=BE220031 /gi=8907349 /ug=Hs.192491 /len=379	BE220031	Hs.192491	
11218	0.047854	chromosome 3q clone CTD-2650N22, WORKING DRAFT SEQUENCE, 5 unordered pieces	AC108668		
11234	0.006254	likely ortholog of mouse WD-40-repeat-containing protein with a SOCS box 2 (WSB2), mRNA /cds=(66,1280) /gb=NM_018639 /gi=20149658 /ug=Hs.136644 /len=2610	NM_018639	Hs.136644	NP_061109
11266	0.001304	B-cell translocation gene:1, anti-proliferative (BTG1), mRNA /cds=(309,824) /gb=NM_001731 /gi=4502472 /ug=Hs.77054 /len=1783	NM_001731	Hs.77054	NP_001722
11318	0.016966	SAR1 protein (SAR1), mRNA /cds=(125,721) /gb=NM_020150 /gi=21361614 /ug=Hs.110796 /len=3003	NM_020150	Hs.110796	
11327	0.003392	low density lipoprotein receptor-related protein 10 (LRP10), mRNA /cds=(566,1261) /gb=NM_014045 /gi=13027587 /ug=Hs.3804 /len=1833	NM_014045	Hs.3804	NP_054764
11333	0.003392	hypothetical protein FLJ13615 (FLJ13615), mRNA /cds=(345,2069) /gb=NM_025114 /gi=13376688 /ug=Hs.288715 /len=2719	NM_025114	Hs.288715	NP_079390
11368	0.005746	cofactor required for Sp1 transcriptional activation, subunit 6, 77kDa (CRSP6), mRNA /cds=(196,2151) /gb=NM_004268 /gi=10835074 /ug=Hs.22630 /len=2546	NM_004268	Hs.22630	NP_004259
11369	0.001304	clone IMAGE:5301545, mRNA /gb=BC041951 /gi=27469737 /ug=Hs.177781 /len=2155	BC041951	Hs.177781	

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
11382	0.039603	GTP cyclohydrolase 1 (dopa-responsive dystonia) (GCH1), mRNA /cds=(149,901) /gb=NM_000161 /gi=4503948 /ug=Hs.86724 /len=2921	NM_000161	Hs.86724	NP_000152
11391	0.011929	putative S1 RNA binding domain protein (PS1D), mRNA /cds=(137,862) /gb=NM_016505 /gi=21361575 /ug=Hs.54971 /len=1602	NM_016505	Hs.54971	NP_057589
11457	0.037129	fucose-1-phosphate guanylyltransferase (FPGT), mRNA /cds=(38,1822) /gb=NM_003838 /gi=4503776 /ug=Hs.150926 /len=3144	NM_003838	Hs.150926	NP_003829
11470	0.018694	hypothetical protein MGC45400 (MGC45400), mRNA /cds=(245,598) /gb=NM_153333 /gi=23503246 /ug=Hs.389734 /len=1290	NM_153333	Hs.389734	NP_699164
11477	0.004838	mRNA for KIAA0626 protein, complete cds /cds=(178,1407) /gb=AB014526 /gi=3327065 /ug=Hs.178121 /len=6184	AB014526	Hs.178121	NP_067679
11498	0.04496	clone MGC:16614 IMAGE:4111344, mRNA, complete cds /cds=(258,998) /gb=BC009313 /gi=14424569 /ug=Hs.373515 /len=2052	BC009313	Hs.193700	
11534	0.006254	EST(ow60e12.x1 Soares_NSF_F8_9W_OT_PA_P_S1 clone IMAGE:1651246 3')	AI088021		NP_060823
11537	0.007388	UI-H-DF1-auf-c-04-0-UI.s1 NCI_CGAP_DF1 cDNA clone IMAGE:5868603 3', mRNA sequence /clone=IMAGE:5868603 /clone_end=3' /gb=BM992029 /gi=19711418 /ug=Hs.358825 /len=1052	BM992029	Hs.358825	
11546	0.028474	EST(PM3-NT0011-120400-001-b03 NT0011)	AW888715		
11551	0.020091	EST(EST64315 Jurkat T-cells VI 5' ribosomal protein S21)	AA355853		NP_114107
11554	0.012883	EST(df27f12.y1 Morton Fetal Cochlea clone IMAGE:2484646 5')	AW021741		NP_057485
11569	0.024824	hypothetical protein DKFZp434K1421 (DKFZP434K1421), mRNA /cds=(29,1705) /gb=NM_032141 /gi=14149806 /ug=Hs.374609 /len=2547	NM_032141	Hs.374609	NP_115517
11589	0.01738	EST(yi75h05.s1 clone 43989 3' gb:M73548 ADENOMATOUS POLYPOSIS COLI PROTEIN)	H05122		NP_000029

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
11605	0.026596	hypothetical protein PRO1051 (PRO1051), mRNA /cds=(756,1004) /gb=NM_018572 /gi=8924004 /ug=Hs.326548 /len=1393	NM_018572	Hs.326548	NP_061042
11621	0.039603	ATPase, H transporting, lysosomal V0 subunit a isoform 1 (ATP6V0A1), mRNA /cds=(168,2663) /gb=NM_005177 /gi=19913417 /ug=Hs.267871 /len=4139	NM_005177	Hs.267871	NP_005168
11638	0.030461	cDNA FLJ30301 fis, clone BRACE2003217. /gb=AK054863 /gi=16549482 /ug=Hs.285728 /len=2186	AK054863	Hs.285728	
11652	0.034784	EST(nf43h10.s1 NCI_CGAP_Pr2 cDNA clone IMAGE:916579 similar to contains element MER22 repetitive element)	AA573636		
11671	0.047854	UI-H-DP0-avb-p-04-0-UI.s1 NCI_CGAP_Fs1 cDNA clone IMAGE:5877363 3', mRNA sequence /clone=IMAGE:5877363 /clone_end=3' /gb=BQ020727 /gi=19756005 /ug=Hs.446656 /len=1208	BQ020727	Hs.446656	
11683	0.016543	EST (clone IMAGE:1218466 3' similar to contains	AA662478		
11701	9.60E-04	of yeast long chain polyunsaturated fatty acid elongation enzyme 2 (HELO1), mRNA /cds=(345,1244) /gb=NM_021814 /gi=21361903 /ug=Hs.250175 /len=3011	NM_021814	Hs.250175	NP_068586
11702	0.004838	eukaryotic translation elongation factor 1 alpha 1 (EEF1A1), mRNA /cds=(63,1451) /gb=NM_001402 /gi=25453469 /ug=Hs.422118 /len=1837	NM_001402	Hs.422118	NP_001393
11747	0.04496	lysyl oxidase-like 1 (LOXL1), mRNA /cds=(306,2030) /gb=NM_005576 /gi=5031882 /ug=Hs.65436 /len=2328	NM_005576	Hs.65436	NP_005567
11755	0.012883	ketoheokinase (fructokinase) (KHK), transcript variant a, mRNA /cds=(9,905) /gb=NM_000221 /gi=4557692 /ug=Hs.81454 /len=1899	NM_000221	Hs.81454	NP_006479
11766	0.013901	AV701088 ADA cDNA clone ADAAGB09 5', mRNA sequence /clone=ADAAGB09 /clone_end=5' /gb=AV701088 /gi=10717418 /ug=Hs.419141 /len=652	AV701088	Hs.419141	

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
11770	0.01738	FLJ33160 fis, clone UTERU2000485 /cds=UNKNOWN /gb=AK057722 /gi=16553641 /ug=Hs.124733 /len=2328	AK057722	Hs.124733	
11779	0.021575	chromosome 11 hypothetical protein ORF3 (LOC56851), mRNA /cds=(14,742) /gb=NM_020154 /gi=9910345 /ug=Hs.4245 /len=1072	NM_020154	Hs.4245	NP_064539
11803	0.04496	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3A (SEMA3A), mRNA /cds=(16,2331) /gb=NM_006080 /gi=5174672 /ug=Hs.2414 /len=2530	NM_006080	Hs.2414	NP_006071
11822	0.005746	protein phosphatase 2, regulatory subunit B (B56), gamma isoform (PPP2R5C), mRNA /cds=(89,1633) /gb=NM_002719 /gi=4506022 /ug=Hs.171734 /len=4064	NM_002719	Hs.171734	NP_848703
11865	0.023151	protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform (calcineurin A alpha) (PPP3CA), mRNA /cds=(407,1972) /gb=NM_000944 /gi=19923130 /ug=Hs.272458 /len=4425	NM_000944	Hs.272458	NP_000935
11869	0.042212	cDNA FLJ30649 fis, clone CTONG2006562. /gb=AK055211 /gi=16549888 /ug=Hs.167700 /len=3061	AK055211	Hs.167700	
11887	0.012883	oral-facial-digital syndrome 1 (OFD1), mRNA /cds=(312,3350) /gb=NM_003611 /gi=4503178 /ug=Hs.6483 /len=3615	NM_003611	Hs.6483	NP_003602
11904	0.034784	mitogen-activated protein kinase-activated protein kinase 3 (MAPKAPK3), mRNA /cds=(119,1267) /gb=NM_004635 /gi=14589907 /ug=Hs.227789 /len=2509	NM_004635	Hs.227789	NP_004626
11911	0.039405	MSTP058 mRNA, complete cds /cds=(930,1688) /gb=AF116728 /gi=27462073 /ug=Hs.434855 /len=2418	AF116728	Hs.434855	
11921	0.00913	hypothetical protein DKFZp762O076 (DKFZp762O076), mRNA /cds=(77,850) /gb=NM_018710 /gi=24308164 /ug=Hs.21621 /len=2266	NM_018710	Hs.21621	NP_061180

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
11922	0.047854	Hypothetical protein MGC30022, cDNA FLJ12832 fis, clone NT2RP2003137 /cds=UNKNOWN /gb=AK022894 /gi=10434551 /ug=Hs.179852 /len=2540	AK022894	Hs.179852	NP_689490
11944	0.011037	retinoic acid repressible protein (RARG-1), mRNA /cds=(33,806) /gb=NM_016167 /gi=15743546 /ug=Hs.106346 /len=896	NM_016167	Hs.106346	NP_057251
11952	0.034784	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 5 (SMARCA5), mRNA /cds=(463,3621) /gb=NM_003601 /gi=21071057 /ug=Hs.9456 /len=3866	NM_003601	Hs.9456	NP_003592
11956	0.032563	cDNA FLJ11439 fis, clone HEMBA1001299. /gb=AK021501 /gi=10432697 /ug=Hs.287416 /len=1500	AK021501	Hs.287416	
11960	0.039603	TNF-induced protein (GG2-1), mRNA /cds=(198,770) /gb=NM_014350 /gi=7657123 /ug=Hs.17839 /len=2003	NM_014350	Hs.17839	NP_055165
11963	0.028474	proline rich 2 (PROL2), mRNA /cds=(114,1097) /gb=NM_006813 /gi=5802981 /ug=Hs.75969 /len=2061	NM_006813	Hs.75969	NP_006804
11980	0.009424	thyroglobulin gene, partial cds; and Src-like adapter protein gene, complete cds, complete sequence	AF305872		
11983	0.007323	RAS-like, estrogen-regulated, growth-inhibitor (RERG), mRNA /cds=(291,890) /gb=NM_032918 /gi=14249703 /ug=Hs.21594 /len=2240	NM_032918	Hs.21594	NP_116307
12017	0.016146	EST(EST382704 MAGE resequences, MAGK)	AW970622		
12037	0.026596	EST(EST58819 Infant brain 3' contains Alu repeat)	AA351153		
12062	0.021575	EST(wc78g04.x1 NCI_CGAP_Pan1 clone IMAGE:2324790 3')	AI701086		
12119	0.021575	UI-H-BI2-agk-c-06-0-UI.s1 NCI_CGAP_Sub4 cDNA clone IMAGE:2724490 3', mRNA sequence /clone=IMAGE:2724490 /clone_end=3' /gb=AW291541 /gi=6698177 /ug=Hs.446655 /len=783	AW291541	Hs.446655	
12153	0.037129	clone IMAGE:4824086, mRNA /gb=BC034996 /gi=23273314 /ug=Hs.406327 /len=1818	BC034996	Hs.406327	

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
12156	0.042212	hypothetical protein FLJ11269 (FLJ11269), mRNA /cds=(197,1228) /gb=NM_018372 /gi=8922961 /ug=Hs.25245 /len=2115	NM_018372	Hs.25245	NP_060842
12182	0.039603	Williams-Beuren Syndrome critical region protein 20 copy B (WBSCR20B), mRNA /cds=(984,1448) /gb=NM_145645 /gi=21717802 /ug=Hs.406306 /len=1634	NM_145645	Hs.406306	NP_663620
12197	0.019682	DKFZp586E2017_r1 586 (synonym: hute1) cDNA clone DKFZp586E2017 5', mRNA sequence /clone=DKFZp586E2017 /clone_end=5' /gb=AL046885 /gi=5936275 /ug=Hs.413463 /len=640	AL046885	Hs.413463	
12211	0.04496	EST (te41e06.x1 Soares_NhHMPu_S1 cDNA clone IMAGE:2089282 3')	AI381664		
12246	0.014988	EST (yo20f05.r1 Soares adult brain N2b5HB55Y cDNA clone IMAGE:178497 5')	H46503		
12247	0.042212	stress 70 protein chaperone, microsome-associated, 60kDa (STCH), mRNA /cds=(37,1452) /gb=NM_006948 /gi=24431965 /ug=Hs.352341 /len=3998	NM_006948	Hs.352341	NP_008879
12251	0.010203	AGENCOURT_10616002 NIH_MGC_141 cDNA clone IMAGE:6744199 5', mRNA sequence /clone=IMAGE:6744199 /clone_end=5' /gb=BU963194 /gi=24192766 /ug=Hs.422374 /len=939	BU963194	Hs.422374	
12271	0.039603	EST(ne86c04.s1 NCI_CGAP_Kid1 clone IMAGE:911142 contains L1.t1 L1 repeat)	AA480776		
12273	0.012481	EST (RC4-MT0235-061200-011-e04 MT0235)	BF900451		
12291	0.028474	BX100756 Soares_NFL_T_GBC_S1 cDNA clone IMAGp998G055863, mRNA sequence /clone=IMAGp998G055863_ IMAGE:23 62012 /gb=BX100756 /gi=27844613 /ug=Hs.213748 /len=474	BX100756	Hs.213748	
12300	0.030461	hypothetical protein MGC32104 (MGC32104), mRNA /cds=(101,1651) /gb=NM_144684 /gi=21389584 /ug=Hs.147025 /len=4732	NM_144684	Hs.147025	NP_653285

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
12305	0.012883	AGENCOURT_6567049 NIH_MGC_88 cDNA clone IMAGE:5739531 5', mRNA sequence /clone=IMAGE:5739531 /clone_end=5' /gb=BM561213 /gi=18806283 /ug=Hs.438146 /len=954	BM561213	Hs.438146	
12311	0.030461	DKFZP566I1024 protein (DKFZP566I1024), mRNA /cds=(48,953) /gb=NM_015411 /gi=24308052 /ug=Hs.279696 /len=2005	NM_015411	Hs.279696	NP_056226
12351	0.005275	ESTs, cDNA /gb=AW979086 /gi=8170371 /ug=Hs.314427 /len=550	AW979086	Hs.314427	
12352	0.04496	UI-H-BI2-ahm-d-05-0-UI.s1 NCI_CGAP_Sub4 cDNA clone IMAGE:2727224 3', mRNA sequence /clone=IMAGE:2727224 /clone_end=3' /gb=AW293452 /gi=6700088 /ug=Hs.16228 /len=634	AW293452	Hs.16228	
12358	0.024824	EST(cDNA clone IMAGE:3645928 3')	BF436461		NP_003109
12400	0.028474	cyclin I (CCNI), mRNA /cds=(545,1678) /gb=NM_006835 /gi=17738314 /ug=Hs.79933 /len=1890	NM_006835	Hs.79933	NP_006826
12403	0.021575	mRNA; cDNA DKFZp564D2071 (from clone DKFZp564D2071) /gb=AL110232 /gi=5817171 /ug=Hs.279243 /len=1077	AL110232	Hs.279243	
12422	0.024824	EST (clone EUROIMAGE 2120537 /cds=UNKNOWN /gb=AJ420510 /gi=17066374 /ug=Hs.7759 /len=4303	AJ420510	Hs.7759	NP_579866
12461	0.008019	ESTs, cDNA, 3' end /clone=IMAGE:2119566 /clone_end=3' /gb=AI399637 /gi=4242724 /ug=Hs.292543 /len=255	AI399637	Hs.292543	
12474	0.049694	clone RP11-350H1 from 7p14-15, complete sequence	AC006195		
12486	0.04496	cDNA FLJ31040 fis, clone HSYRA2000224. /gb=AK055602 /gi=16550372 /ug=Hs.98314 /len=2467	AK055602	Hs.98314	
12493	0.042212	EST (Soares_fetal_heart_NbHH19W clone IMAGE:1707091 3')	AI146302		
12501	0.039603	EST(cDNA clone IMAGE:4693130 5')	BG539987		NP_005397
12506	0.039199	EST(cDNA clone IMAGE:4724612 5')	BG573579		
12517	0.007388	UI-H-DP0-avt-a-17-0-UI.s1 NCI_CGAP_Fs1 cDNA clone IMAGE:5883928 3', mRNA sequence /clone=IMAGE:5883928 /clone_end=3' /gb=BQ000272 /gi=19725172 /ug=Hs.371473 /len=1051	BQ000272	Hs.371473	

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
12519	0.047854	EST(cDNA clone IMAGE:1637714 3' similar to contains Alu repetitive element;contains L1.t1 L1 repetitive element ;)	AI000800		
12577	0.047854	No significant match, No orf	SEQ.ID.No.3		
12593	0.030134	No significant match, ORF+2(71~409),+1(121~384)	SEQ.ID.No.94		
12630	0.003392	No significant match	SEQ.ID.No.100		
12658	0.039603	guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 2 (GNAI2), mRNA /cds=(124,1191) /gb=NM_002070 /gi=4504040 /ug=Hs.77269 /len=1702	NM_002070	Hs.77269	NP_002061
12679	0.004059	BX092629 Soares fetal liver spleen 1NFLS cDNA clone IMAGp998P06398 ; IMAGE:205685, mRNA sequence /clone=IMAGp998P06398 ;_IMAGE:205685 /gb=BX092629 /gi=27822922 /ug=Hs.303022 /len=735	BX092629	Hs.303022	
12719	0.006254	EST (xg72d04.x1 NCI_CGAP_Ut4 cDNA clone IMAGE:2633863 3')	AW167199		
12740	0.04496	EST (602153645F1 NIH_MGC_83 clone IMAGE:4294739 5')	BF679004		
12763	0.047854	UI-H-FG0-bct-g-21-0-UI.s1 NCI_CGAP_EN1_2 cDNA clone UI-H-FG0-bct-g-21-0-UI 3', mRNA sequence /clone=UI-H-FG0-bct-g-21-0-UI /clone_end=3' /gb=BU627064 /gi=23293278 /ug=Hs.85999 /len=1075	BU627064	Hs.85999	
12803	0.047854	EST (UI-R-A1-dy-b-07-0-UI.s1 UI-R-A1 cDNA clone UI-R-A1-dy-b-07-0-UI 3')	AA924425		
12833	0.009424	cDNA FLJ30547 fis, clone BRAWH2001439. /gb=AK055109 /gi=16549767 /ug=Hs.351021 /len=1830	AK055109	Hs.351021	
12835	0.030461	AGENCOURT_8856629 Lupski_sciatic_nerve cDNA clone IMAGE:6200636 5', mRNA sequence /clone=IMAGE:6200636 /clone_end=5' /gb=BQ947179 /gi=22362657 /ug=Hs.356605 /len=1277	BQ947179	Hs.356605	
12843	0.028474	cDNA clone IMAGE:123789 3' similar to contains Alu repetitive element;contains THR repetitive element ; Soares fetal liver spleen 1NFLS	R01434		
12848	0.019682	cDNA: FLJ23165 fis, clone LNG09846. /gb=AK026818 /gi=10439763 /ug=Hs.279898 /len=2117	AK026818	Hs.279898	

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
12866	0.030461	clone IMAGE:3882977, mRNA, partial cds /cds=(1,683) /gb=BC020516 /gi=18088177 /ug=Hs.350268 /len=3562	BC020516	Hs.350268	
12884	0.005275	clone IMAGE:3454421, mRNA /gb=BC010534 /gi=14714772 /ug=Hs.318887 /len=1507	BC010534	Hs.318887	
12898	0.032563	603395193F1 NIH_MGC_90 cDNA clone IMAGE:5405278 5', mRNA sequence /clone=IMAGE:5405278 /clone_end=5' /gb=BI871283 /gi=16044958 /ug=Hs.443147 /len=845	BI871283	Hs.443147	
12909	0.026596	cDNA FLJ38472 fis, clone FEBRA2022148. /gb=AK095791 /gi=21755125 /ug=Hs.50150 /len=2454	AK095791	Hs.50150	
12951	0.037129	UI-1-BB1p-auc-h-10-0-UI.s1 NCI_CGAP_PI6 cDNA clone UI-1-BB1p-auc-h-10-0-UI 3', mRNA sequence /clone=UI-1-BB1p-auc-h-10-0-UI /clone_end=3' /gb=BQ025322 /gi=19760601 /ug=Hs.396161 /len=921	BQ025322	Hs.396161	
12962	0.032261	UI-H-FH0-bco-e-02-0-UI.s1 NCI_CGAP_FH0 cDNA clone UI-H-FH0-bco-e-02-0-UI 3', mRNA sequence /clone=UI-H-FH0-bco-e-02-0-UI /clone_end=3' /gb=CA420130 /gi=24782785 /ug=Hs.365560 /len=716	CA420130	Hs.365560	
12970	0.030461	EST(yy21h08.s1 Soares melanocyte 2NbHM H.sapiens cDNA clone IMAGE:271935 3')	N35259		NP_079229
12977	0.004433	ESTs, cDNA, 5' end /clone=IMAGE:4389132 /clone_end=5' /gb=BG027813 /gi=12416651 /ug=Hs.344521 /len=1068	BG027813	Hs.344521	
12980	0.030461	FLJ30434 fis, clone BRACE2009016 /cds=UNKNOWN /gb=AK054996 /gi=16549636 /ug=Hs.367901 /len=2738	AK054996	Hs.367901	
12985	0.030461	EST380762 MAGE resequences, MAGJ cDNA, mRNA sequence /gb=AW968686 /gi=8158527 /ug=Hs.445373 /len=699	AW968686	Hs.445373	
13073	0.007672	UI-H-BI4-aqa-c-02-0-UI.s1 NCI_CGAP_Sub8 cDNA clone IMAGE:3089258 3', mRNA sequence /clone=IMAGE:3089258 /clone_end=3' /gb=BF508251 /gi=11591549 /ug=Hs.197875 /len=1237	BF508251	Hs.197875	

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
13110	0.021575	hypothetical protein P1 p373c6 (P1P373C6), mRNA /cds=(254,1891) /gb=NM_019110 /gi=17738284 /ug=Hs.44720 /len=2316	NM_019110	Hs.44720	NP_061983
13112	0.026596	glutathione S-transferase M4 (GSTM4), transcript variant 1, mRNA /cds=(310,966) /gb=NM_000850 /gi=23065554 /ug=Hs.348387 /len=1436	NM_000850	Hs.348387	NP_671490
13113	0.018694	aldehyde dehydrogenase 2 family (mitochondrial) (ALDH2), nuclear gene encoding mitochondrial protein, mRNA /cds=(442,1995) /gb=NM_000690 /gi=25777731 /ug=Hs.195432 /len=2445	NM_000690	Hs.195432	NP_000681
13114	0.024824	eukaryotic translation initiation factor 2C, 1 (EIF2C1), mRNA /cds=(214,2787) /gb=NM_012199 /gi=6912351 /ug=Hs.14520 /len=7478	NM_012199	Hs.14520	NP_036331
13134	0.021575	sine oculis homeobox 2 (Drosophila) (SIX2), mRNA /cds=(283,1158) /gb=NM_016932 /gi=21314676 /ug=Hs.101937 /len=2141	NM_016932	Hs.101937	NP_058628
13140	0.016146	epithelial V-like antigen 1 (EVA1), transcript variant 1, mRNA /cds=(142,789) /gb=NM_005797 /gi=21536270 /ug=Hs.116651 /len=2634	NM_005797	Hs.116651	NP_658911
13146	8.65E-04	UI-H-DH0-aui-p-19-0-UI.s1 NCI_CGAP_DH0 cDNA clone IMAGE:5871234 3', mRNA sequence /clone=IMAGE:5871234 /clone_end=3' /gb=BM994422 /gi=19719323 /ug=Hs.289721 /len=2081	BM994422	Hs.289721	
13175	0.011929	chromosome 1 open reading frame 9 (C1orf9), mRNA /cds=(125,4342) /gb=NM_016227 /gi=7705321 /ug=Hs.108636 /len=5919	NM_016227	Hs.108636	NP_057311
13183	0.00213	translocation related non-coding gene (TNRG10) mRNA, complete sequence /gb=AF044579 /gi=3095103 /ug=Hs.375632 /len=2726	AF044579	Hs.375632	
13195	0.022757	hypothetical protein HSPC210 (HSPC210), mRNA /cds=(138,605) /gb=NM_016472 /gi=24475986 /ug=Hs.4104 /len=1152	NM_016472	Hs.4104	NP_057556
13199	0.008697	HSKM-B protein (HSKM-B), mRNA /cds=(23,1324) /gb=NM_020197 /gi=9910273 /ug=Hs.66170 /len=1694	NM_020197	Hs.66170	NP_064582

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
13202	0.047854	hypothetical protein FLJ12806 (FLJ12806), mRNA /cds=(158,1078) /gb=NM_022831 /gi=12383075 /ug=Hs.107637 /len=2485	NM_022831	Hs.107637	NP_073742
13209	0.042059	zd62d11.s1 Soares_fetal_heart_NbHH19W cDNA clone IMAGE:345237 3', mRNA sequence /clone=IMAGE:345237 /clone_end=3' /gb=W72877 /gi=1383090 /ug=Hs.380971 /len=588	W72877	Hs.380971	
13235	0.026219	Myosin IB, FLJ20153 fis, clone COL08656, highly similar to AJ001381 Homo sapiens incomplete cDNA for a mutated allele /cds=UNKNOWN /gb=AK000160 /gi=7020066 /ug=Hs.121576 /len=4295	AK000160	Hs.121576	
13247	0.042212	phosphoserine phosphatase (PSPH), mRNA /cds=(20,697) /gb=NM_004577 /gi=21614545 /ug=Hs.56407 /len=1432	NM_004577	Hs.56407	NP_004568
13254	0.047854	FLJ14397 (FLJ14397), mRNA /cds=(14,511) /gb=NM_032779 /gi=14249437 /ug=Hs.270981 /len=1579	NM_032779	Hs.270981	NP_116168
13274	0.012883	TAF7 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 55kDa (TAF7), mRNA /cds=(741,1790) /gb=NM_005642 /gi=14717406 /ug=Hs.155188 /len=2310	NM_005642	Hs.155188	NP_005633
13281	0.037129	cDNA FLJ11379 fis, clone HEMBA1000469. /gb=AK021441 /gi=10432627 /ug=Hs.200113 /len=1672	AK021441	Hs.200113	
13315	0.034784	partial RANBP7 gene for RanBP7/importin7 and partial ZNF143 gene	AJ295844		
13320	0.039603	cDNA FLJ23879 fis, clone LNG13743. /gb=AK074459 /gi=18677071 /ug=Hs.352648 /len=1514	AK074459	Hs.352648	
13357	0.026596	mRNA; cDNA DKFZp451B1418 (from clone DKFZp451B1418) /gb=AL832622 /gi=21733197 /ug=Hs.446489 /len=5612	AL832622	Hs.446489	
13363	0.007388	vacuolar protein sorting 4B (yeast) (VPS4B), mRNA /cds=(202,1536) /gb=NM_004869 /gi=17865801 /ug=Hs.126550 /len=3337	NM_004869	Hs.126550	NP_004860

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
13366	0.037129	hypothetical protein DKFZp434I1916 (DKFZp434I1916), mRNA /cds=(144,563) /gb=NM_032245 /gi=14149959 /ug=Hs.334641 /len=800	NM_032245	Hs.334641	NP_115621
13383	0.018694	cytochrome c oxidase subunit VIb (COX6B), nuclear gene encoding mitochondrial protein, mRNA /cds=(163,423) /gb=NM_001863 /gi=17999530 /ug=Hs.431668 /len=578	NM_001863	Hs.431668	NP_001854
13437	0.002882	nucleolar protein family 6 (RNA-associated) (NOL6), transcript variant alpha, mRNA /cds=(61,3501) /gb=NM_022917 /gi=22212928 /ug=Hs.183253 /len=4854	NM_022917	Hs.183253	NP_631981
13443	0.028474	unknown protein	AAA88036		
13456	0.00638	EST(yx97d08.s1 Soares melanocyte 2NbHM clone IMAGE:269679 3' contains Alu and MER22 repeat)	N26866		
13471	0.037129	PHD zinc finger protein XAP135 (XAP135), transcript variant 2, mRNA /cds=(222,1448) /gb=NM_133325 /gi=19747275 /ug=Hs.7759 /len=1583	NM_133325	Hs.7759	NP_579866
13557	0.001442	UI-E-DW0-agh-g-03-0-UI.s2 UI-E-DW0 cDNA clone UI-E-DW0-agh-g-03-0-UI 3', mRNA sequence /clone=UI-E-DW0-agh-g-03-0-UI /clone_end=3' /gb=BU737016 /gi=23672027 /ug=Hs.444375 /len=757	BU737016	Hs.444375	
13570	0.002382	601445486F1 NIH_MGC_65 cDNA clone IMAGE:3849740 5', mRNA sequence /clone=IMAGE:3849740 /clone_end=5' /gb=BE868854 /gi=10317630 /ug=Hs.314370 /len=754	BE868854	Hs.314370	
13584	0.042212	PTK7 protein tyrosine kinase 7 (PTK7), transcript variant PTK7-1, mRNA /cds=(199,3411) /gb=NM_002821 /gi=27886610 /ug=Hs.90572 /len=4249	NM_002821	Hs.90572	NP_690622
13595	0.014988	zinc finger protein 274 (ZNF274), transcript variant ZNF274c, mRNA /cds=(460,2421) /gb=NM_133502 /gi=19743800 /ug=Hs.83761 /len=2839	NM_133502	Hs.83761	NP_598009
13600	0.001179	Cdc42 guanine nucleotide exchange factor (GEF) 9 (ARHGEF9), mRNA /cds=(802,2352) /gb=NM_015185 /gi=7662107 /ug=Hs.54697 /len=5413	NM_015185	Hs.54697	NP_056000
13603	0.005275	hypothetical protein HSPC219 (HSPC219), mRNA /cds=(78,1403) /gb=NM_016481 /gi=13123781 /ug=Hs.9196 /len=1664	NM_016481	Hs.9196	NP_057565

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
13606	0.037129	phosphoribosylaminoimidazole carboxylase, phosphoribosylaminoimidazole succinocarboxamide synthetase (PAICS), mRNA /cds=(206,1483) /gb=NM_006452 /gi=17388802 /ug=Hs.117950 /len=3322	NM_006452	Hs.117950	NP_006443
13612	0.039603	poly(rC) binding protein 2 (PCBP2), transcript variant 1, mRNA /cds=(89,1189) /gb=NM_005016 /gi=14141167 /ug=Hs.63525 /len=1362	NM_005016	Hs.63525	NP_114366
13640	0.023151	FLJ20259 (FLJ20259), mRNA /cds=(24,1274) /gb=NM_017730 /gi=8923233 /ug=Hs.9956 /len=2022 (=IMPDH2)	NM_017730	Hs.9956	NP_598328
13644	0.04496	AGENCOURT_6497573 NIH_MGC_125 cDNA clone IMAGE:5588748 5', mRNA sequence /clone=IMAGE:5588748 /clone_end=5' /gb=BM544964 /gi=18776658 /ug=Hs.406354 /len=1184	BM544964	Hs.406354	
13655	0.039405	vacuolar protein sorting 29 (yeast) (VPS29) transcript variant 2, mRNA /cds=(61,621) /gb=NM_057180 /gi=17402911 /ug=Hs.69192 /len=1107	NM_057180	Hs.69192	NP_476528
13658	0.012883	cyclin-dependent kinase inhibitor 1B (p27, Kip1) (CDKN1B), mRNA /cds=(466,1062) /gb=NM_004064 /gi=17978497 /ug=Hs.238990 /len=2422	NM_004064	Hs.238990	NP_004055
13659	0.0068	hypothetical protein (HSPC016), mRNA /cds=(39,233) /gb=NM_015933 /gi=7705430 /ug=Hs.397853 /len=384	NM_015933	Hs.397853	NP_057017
13702	0.047854	mRNA for KIAA0551 protein, partial cds. /cds=(192,4349) /gb=AB011123 /gi=20521082 /ug=Hs.170204 /len=5727	AB011123	Hs.170204	
13713	0.028474	heterogeneous nuclear ribonucleoprotein H2 (H') (HNRPH2), mRNA /cds=(79,1428) /gb=NM_019597 /gi=14141155 /ug=Hs.278857 /len=2220	NM_019597	Hs.278857	NP_062543
13736	0.042212	hypothetical protein DC50 (DC50), mRNA /cds=(37,366) /gb=NM_031210 /gi=24475712 /ug=Hs.324521 /len=442	NM_031210	Hs.324521	NP_112487
13748	0.023151	Similar to likely ortholog of yeast ARV1, clone IMAGE:4106796, mRNA /gb=BC018945 /gi=17511970 /ug=Hs.290444 /len=3219	BC018945	Hs.290444	

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
13788	0.024824	programmed cell death 7 (PDCD7), mRNA /cds=(56,1513) /gb=NM_005707 /gi=22027540 /ug=Hs.143253 /len=2866	NM_005707	Hs.143253	NP_005698
13794	0.013901	myosin VI (MYO6), mRNA /cds=(140,3997) /gb=NM_004999 /gi=4826845 /ug=Hs.118483 /len=5212	NM_004999	Hs.118483	NP_004990
13805	0.036892	mRNA for KIAA1969 protein/cds=UNKNOWN /gb=AB075849 /gi=18916832 /ug=Hs.373495/len=3146	AB075849	Hs.373495	
13806	0.005942	short form transcription factor C-MAF(c-maf) mRNA, complete cds /cds=(807,1928) /gb=AF055376/gi=3335147 /ug=Hs.30250 /len=4246	AF055376	Hs.30250	NP_005351
13855	0.011929	calpastatin (CAST), transcript variant 2, mRNA /cds=(155,2215) /gb=NM_173060 /gi=27765084 /ug=Hs.359682 /len=4296	NM_173060	Hs.359682	NP_775085
13888	0.001935	EST(wb25b05.x1 NCI_CGAP_GC6 clone IMAGE:2306673 3' contains Alu repeat)	AI650654		
13909	0.039603	EST(oh94d07.s1 NCI_CGAP_HN4 clone IMAGE:1474669 3' contains L1.b1 L1 repeat)	AA857009		
13926	0.034784	wo08b04.x1 NCI_CGAP_Pan1 cDNA clone IMAGE:2454703 3', mRNA sequence /clone=IMAGE:2454703 /clone_end=3' /gb=AI927713 /gi=5663677 /ug=Hs.137546 /len=509	AI927713	Hs.137546	
13933	0.024824	EST(qx14c02.x1 NCI_CGAP_Lym12 clone IMAGE:2001314 3' contains Alu and MER4 repeat)	AI358712		
13938	0.026596	DnaJ (Hsp40) subfamily B, member 4 (DNAJB4), mRNA /cds=(160,1173) /gb=NM_007034 /gi=24431959 /ug=Hs.41693 /len=2250	NM_007034	Hs.41693	NP_008965
13946	0.016146	cDNA FLJ13536 fis, clone PLACE1006521. /gb=AK023598 /gi=10435577 /ug=Hs.11493 /len=2132	AK023598	Hs.11493	
13954	0.016966	EST nw48e08.s1 NCI_CGAP_Ew1 IMAGE:1249862	AA730589		
13957	0.003166	echinoderm microtubule associated protein like 4 (EML4), mRNA /cds=(237,3182) /gb=NM_019063 /gi=19923496 /ug=Hs.333555 /len=5539	NM_019063	Hs.333555	NP_061936
13985	0.042212	EST (wd75h02.x1 NCI_CGAP_Lu24 cDNA clone IMAGE:2337459 3')	AI914259		

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
14015	0.021575	EST(AV713804 DCB cDNA clone DCBAXA05 5')	AV713804		NP_004853
14022	0.042212	cDNA: FLJ20973 fis, clone ADSU01580, highly similar to HS222E13A Isoform 1 of a novel mRNA from chromosome 22. /gb=AK024626 /gi=10436944 /ug=Hs.334836 /len=3387	AK024626	Hs.334836	NP_835237
14025	0.042212	EST zu07e12.r1 Soares_testis_NHT cDNA clone IMAGE:731182 5' similar to contains L1.t3 L1 repetitive element ;	AA421543		
14033	0.023151	EST yt98a02.r1 Soares_pineal_gland_N3HPG cDNA clone IMAGE:232298 5'	H96454		
14051	0.032563	EST(yh44h12.r1 Soares placenta Nb2HP cDNA clone IMAGE:132647 5')	R26018		
14102	0.021575	ribosomal protein L13a (RPL13A), mRNA /cds=(23,634) /gb=NM_012423 /gi=14591905 /ug=Hs.389335 /len=1142	NM_012423	Hs.389335	NP_036555
14133	0.047854	ox08a07.x1 Soares_fetal_liver_spleen_1NFLS_S1 cDNA clone IMAGE:1655700 3', mRNA sequence /clone=IMAGE:1655700 /clone_end=3' /gb=AI023766 /gi=3238810 /ug=Hs.434976 /len=432	AI023766	Hs.434976	
14170	0.028474	EST (nf20b09.s1 NCI_CGAP_Pr1 cDNA clone IMAGE:914297)	AA572847		
14180	5.63E-04	UI-E-EJ0-ahh-k-20-0-UI.r1 UI-E-EJ0 cDNA clone UI-E-EJ0-ahh-k-20-0-UI 5', mRNA sequence /clone=UI-E-EJ0-ahh-k-20-0-UI /clone_end=5' /gb=BM712540 /gi=19025798 /ug=Hs.355827 /len=1172	BM712540	Hs.355827	
14196	0.003392	EST(yq06d08.s1 Soares fetal liver spleen 1NFLS cDNA clone IMAGE:196143 3' similar to contains Alu repetitive element)	R91930		
14217	0.047805	similar to CG3714 gene product (PP3856), mRNA /cds=(697,1098) /gb=NM_145201 /gi=24475828 /ug=Hs.333388 /len=1198	NM_145201	Hs.333388	NP_660202

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
14231	0.007388	wg85c11.x1 Soares_NSF_F8_9W_OT_PA_P_S1 cDNA clone IMAGE:2371892 3' similar to contains Alu repetitive element; mRNA sequence /clone=IMAGE:2371892 /clone_end=3' /gb=AI743032 /gi=5111320 /ug=Hs.310364 /len=562	AI743032	Hs.310364	
14246	0.047854	mRNA; cDNA DKFZp564C2063 (from clone DKFZp564C2063) /gb=AL117595 /gi=5912159 /ug=Hs.4055 /len=1444	AL117595	Hs.4055	
14259	0.039603	BX109840 Soares_fetal_heart_NbHH19W cDNA clone IMAGp998M11793, mRNA sequence /clone=IMAGp998M11793; IMAGE:346 930 /gb=BX109840 /gi=27877881 /ug=Hs.269512 /len=749	BX109840	Hs.269512	
14266	0.009424	EST, cDNA /clone=IMAGE:1266535 /gb=AA729300 /gi=2750659 /ug=Hs.325555 /len=173	AA729300	Hs.325555	
14284	0.024824	hypothetical protein FLJ23751 (FLJ23751), mRNA /cds=(121,1563) /gb=NM_152282 /gi=22748648 /ug=Hs.37443 /len=2994	NM_152282	Hs.37443	NP_689495
14332	0.023151	EST(cDNA clone IMAGE:1860591 3' similar to contains MER30.b2 MER30 repetitive element ;)	AI199593		
14362	0.042212	EST(cDNA clone IMAGE:2446750 3')	AI891033		NP_079440
14377	0.021575	601864909F1 NIH_MGC_57 cDNA clone IMAGE:4082978 5', mRNA sequence /clone=IMAGE:4082978 /clone_end=5' /gb=BF245413 /gi=11159346 /ug=Hs.323117 /len=875	BF245413	Hs.323117	
14390	0.023151	BX097880 NCI_CGAP_Thy1 cDNA clone IMAGp998F242841, mRNA sequence /clone=IMAGp998F242841; IMAGE:11 33207 /gb=BX097880 /gi=27829041 /ug=Hs.208961 /len=354	BX097880	Hs.208961	
14401	0.01738	df28a02.w1 Morton Fetal Cochlea cDNA clone IMAGE:2484387 3', mRNA sequence /clone=IMAGE:2484387 /clone_end=3' /gb=BI492702 /gi=15332046 /ug=Hs.345492 /len=678	BI492702	Hs.345492	
14407	0.028474	EST(HNC (Human Normal Cartilage) Homo sapiens cDNA)	BG928856		NP_598014

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
14439	0.012481	cDNA FLJ13571 fis, clone PLACE1008405. /gb=AK023633 /gi=10435617 /ug=Hs.116278 /len=2484	AK023633	Hs.116278	
14474	0.044857	EST(cDNA clone IMAGE:4850459 3')	BG745876		
14494	0.009424	No significant match	SEQ.ID.No.70		
14497	0.011929	serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1 (SERPINA1), mRNA /cds=(233,1489) /gb=NM_000295 /gi=21361197 /ug=Hs.297681 /len=1584	NM_000295	Hs.297681	NP_000286
14513	0.042212	EST(aj44d01.s1 Soares testis NHT clone 1393153 3' contains Alu and KER repeat)	AA813111		NP_057336
14527	0.014988	URB mRNA, complete cds /cds=(146,2998) /gb=AF506819 /gi=21039408 /ug=Hs.356289 /len=3320	AF506819	Hs.356289	
14543	0.039405	low density lipoprotein receptor-related protein 6 (LRP6), mRNA /cds=(78,4919) /gb=NM_002336 /gi=4505016 /ug=Hs.23672 /len=5301	NM_002336	Hs.23672	NP_002327
14546	0.005275	EST (601819273F1 NIH_MGC_58 cDNA clone IMAGE:4051098 5')	BF130672		NP_003655
14547	0.030134	cDNA FLJ11469 fis, clone HEMBA1001658. /gb=AK021531 /gi=10432731 /ug=Hs.224398 /len=1665	AK021531	Hs.224398	
14563	0.042212	df13e04.y1 Morton Fetal Cochlea cDNA clone IMAGE:2483406 5', mRNA sequence /clone=IMAGE:2483406 /clone_end=5' /gb=AW020719 /gi=5874249 /ug=Hs.233140 /len=357	AW020719	Hs.233140	
14639	0.028474	EST (no81g07.s1 NCI_CGAP_AA1 IMAGE:1113276 3')	AA613881		
14664	0.021575	EST(ob01g03.s1 NCI_CGAP_Kid3 cDNA clone IMAGE:1322452 3')	AA740661		NP_055459
14682	0.047854	clone IMAGE:5277612, mRNA /gb=BC043650 /gi=27693174 /ug=Hs.378059 /len=3723	BC043650	Hs.378059	
14688	0.019682	cDNA FLJ34825 fis, clone NT2NE2008785, weakly similar to ANTER-SPECIFIC PROLINE-RICH PROTEIN APG. /gb=AK092144 /gi=21750666 /ug=Hs.376593 /len=2130	AK092144	Hs.376593	
14698	0.002382	EST(MR1-MT0282-191200-005-b11 MT0282 cDNA)	BF904004		

Genes Corresponding To Differentially Expressed Genes in Figure 15 - Hyperlipidemia					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
14708	0.028474	FLJ11397 fis, clone HEMBA1000622 /cds=UNKNOWN /gb=AK021459 /gi=10432651 /ug=Hs.169068 /len=1512	AK021459	Hs.169068	
14781	0.020091	UI-1-BC1-ajq-h-10-0-UI.s1 NCI_CGAP_PI2 cDNA clone UI-1-BC1-ajq-h-10-0-UI 3', mRNA sequence /clone=UI-1-BC1-ajq-h-10-0-UI /clone_end=3' /gb=BQ010713 /gi=19735614 /ug=Hs.281575 /len=1108	BQ010713	Hs.281575	
14797	0.032563	EST (3' end clone=IMAGE:2540192) /clone_end=3' /gb=BI495875 /gi=15335219 /ug=Hs.347887 /len=354	BI495875	Hs.347887	NP_003109
14804	0.039603	splicing factor, arginine/serine-rich 12 (SFRS12), mRNA /cds=(342,1868) /gb=NM_139168 /gi=21040254 /ug=Hs.381165 /len=3811	NM_139168	Hs.381165	NP_631907
14819	0.012481	FLJ14036 fis, clone HEMBA1004709/cds=UNKNOWN /gb=AK024098 /gi=10436394 /ug=Hs.306663/len=2067	AK024098	Hs.306663	
14875	0.04496	RC1-NN0073-090500-012-f02 NN0073 cDNA, mRNA sequence /gb=AW898615 /gi=8062820 /ug=Hs.130729 /len=660	AW898615	Hs.130729	
14937	0.04496	control			
14948	0.011037	EST(Fetal Cochlea Homo sapiens cDNA clone IMAGE:2537435 5')	BI497119		NP_006826
14956	0.014988	No significant match	SEQ.ID.No.38		
14962	0.037729	No significant match, ORF+3(30~140),+2(131~232)	SEQ.ID.No.72		